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Transportation Improvement Program *1989-93*

Highway & Other Elements

for the Nine-county San Francisco Bay Area

MTC Resolution No. 1939
adopted September 28, 1988
Highway Element
Amended on December 14,1988

ENVIRONMENTAL PROTECTION AGENCY
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II.
1989-93 Regional Program Summaries

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Revenues and expenditures are summarized on the following tables for the highway program (Table II-1, including County summaries), and the Regional Federal-Aid-Urban (FAU) program (Table II-2). These tables show the funds programmed and expected to be spent in the MTC region by fund type for each of the five years, and the five year totals.

Detailed highway project listings are included in Section III (Highway/Federal-Aid-Urban Element). Section IV (Transit Element), was adopted separately.

The following Fund Type Glossary should be used in conjunction with the Highway Summary Tables:

Fund Type Glossary

Abbreviation	Fund Type
FEDERAL SOURCES:	
F	Consolidated Primary
FAP	Federal Aid Primary, Commuter Computer
FAU	Federal Aid Urban
FAUL	FAU - Local
FAUS	FAU - State
FAUX	FAU - All
FAU8	FAU - 85% Funds
FF	Priority Primary
FR	Primary Rehabilitation
I	Federal Aid Interstate
IR	4-R Funds
MISCELLANEOUS:	
BR	Bridge Replacement
ER	Emergency Repair
HES	Hazard Elimination Safety
RS	Rural Secondary

0793p

Fund Type Glossary

Abbreviation	Fund Type
STATE SOURCES:	
MSTA	Miscellaneous State Funds
STA	State Only Funds
STAD	State Match for Federal Demonstration Projects
STAL	Sale of Excess Land
STAM	STate Match for FAV
DEMONSTRATION PROJECTS:	
D13	San Jose - Route 237
TOLL BRIDGES:	
ANTB	Antioch Bridge
BENM	Benicia/Martinez Bridge
CARQ	Carquinez Bridge
DUMB	Dumbarton Bridge
RSRB	Richmond San Rafael Bridge
SFBB	San Francisco Bay Bridge
SMHB	San Mateo/Hayward Bridge
LOCAL SOURCES:	
CITY	City Funds
CO	County Funds
LOC	Local Funds
LOCM	Local Match for FAU
PVT	Private Funds
XALA	Measure B, Sales Tax, Alameda
XSCL	Measure A, Sales Tax, Santa Clara

0793p

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
*** REGIONAL SUMMARY ***
$000's

FUND	DEFINITION	BIENNIAL ELEMENT FED	STA	OTHER	1989	1990	1991	1992	1993	TOTAL
FEDERAL SOURCES										
F	Consolidated Primary	113747	18513	0	94623	37637	46289	58834	33061	270444
FAP	Commuter Computer	3200	0	0	1600	1600	1600	1600	1600	8000
FAU	Federal Aid Urban	57411	0	0	28680	28731	19876	6111	0	83398
FAUL	FAU - Local	1700	0	276	1330	646	0	0	0	1976
FAUS	FAU - State	4645	756	0	2699	2702	2250	2250	2250	12151
FAUX	FAU - All	82510	3968	15762	68148	34092	5364	4782	10663	123049
FAU8	FAU - 85% Funds	65803	10712	0	60809	15706	2582	2250	2250	83597
FF	Priority Primary	47462	2496	0	25383	24575	38266	0	382	88606
FR	Consolidated Primary (R-R-R)	322	52	0	374	0	3735	0	0	4109
I	Federal Aid Interstate	290792	27011	0	226344	91459	180339	27633	0	525775
IR	4-R Funds	315838	29337	0	193731	151444	74681	44508	19256	483620
MISCELLANEOUS										
BR	Bridge Replacement	15534	3884	0	7927	11491	3603	2250	4803	30074
ER	Emergency Repair	52889	0	0	52889	0	0	0	0	52889
HES	Hazard Elimination Safety	13739	1526	0	9068	6197	5578	554	0	21397
RS	Rural Secondary	3304	538	0	80	3762	413	0	0	4255
STATE SOURCES										
MSTA	Miscellaneous State Funds	0	1709	0	1709	0	0	0	0	1709
STA	State Only Funds	0	16507	0	10141	6366	10600	2537	3227	32871
STAD	State Match for Fed Demo	0	0	0	0	0	5577	0	0	5577
STAL	Sale of Excess Land	0	0	0	0	0	0	23407	0	23407
STAM	State Match for FAU	0	1633	0	1571	62	0	1018	9490	12141
DEMONSTRATION PROJECTS										
D13	San Jose -- Route 237	0	0	0	0	0	22309	0	0	22309
TOLL BRIDGES										
ANTB	Antioch Bridge	0	0	0	0	0	1095	0	0	1095
BENM	Benicia/Martinez Bridge	0	31330	0	31330	0	2179	0	266115	299624
CARQ	Carquinez Bridge	0	5599	0	818	4781	694	117	122	6532
DUMB	Dumbarton Bridge	0	7902	0	7902	0	416	0	3042	11360
RSRB	Richmond San Rafael Bridge	0	1099	0	660	439	450	117	122	1788
SFBB	San Francisco Bay Bridge	0	18964	0	15520	3444	5608	585	608	25765
SMHB	San Mateo/Hayward Bridge	0	4795	0	3952	843	766	87118	0	92679
LOCAL SOURCES										
CITY	City Funds	0	0	128948	78149	50799	40270	29095	39675	237988
CO	County Funds	0	0	40662	38916	1746	10214	0	6084	56960
LOC	Local Funds	0	0	27172	23227	3945	9629	0	75999	112800
LOCM	Local Match for FAU	0	0	6367	2462	3905	3163	125	0	9655
PVT	Private Funds	0	0	20235	19992	243	11932	673	0	32840
XALA	Alameda Co. Sales Tax	0	0	0	0	0	0	0	42701	42701
XSCL	Santa Clara Co. Sales Tax	0	0	613367	254875	358492	104416	0	20000	737783
*TOTAL	MTC REGION	1068896	188331	852789	1264909	845107	613894	295564	541450	3560924

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
*** ALAMEDA COUNTY ***
$000's

FUND	DEFINITION	BIENNIAL ELEMENT FED	STA	OTHER	1989	1990	1991	1992	1993	TOTAL
FEDERAL SOURCES										
F	Consolidated Primary	1873	305	0	1150	1028	500	1695	560	4933
FAP	Commuter Computer	3200	0	0	1600	1600	1600	1600	1600	8000
FAU	Federal Aid Urban	6118	0	0	5206	912	0	0	0	6118
FAUL	FAU - Local	311	0	51	362	0	0	0	0	362
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	5534	483	1738	6462	1293	0	0	0	7755
FAU8	FAU - 85% Funds	2302	374	0	1398	1278	250	250	250	3426
I	Federal Aid Interstate	75463	7011	0	78908	3566	42355	26818	0	151647
IR	4-R Funds	139963	13000	0	105810	47153	25279	5526	3710	187478
MISCELLANEOUS										
BR	Bridge Replacement	400	100	0	250	250	250	250	250	1250
RS	Rural Secondary	3304	538	0	80	3762	0	0	0	3842
STATE SOURCES										
STA	State Only Funds	0	651	0	0	651	4269	0	0	4920
STAL	Sale of Excess Land	0	0	0	0	0	0	23407	0	23407
STAM	State Match for FAU	0	921	0	921	0	0	0	0	921
TOLL BRIDGES										
DUMB	Dumbarton Bridge	0	4570	0	4570	0	416	0	0	4986
SFBB	San Francisco Bay Bridge	0	579	0	324	255	1108	0	0	1687
SMHB	San Mateo/Hayward Bridge	0	4226	0	3952	274	0	0	0	4226
LOCAL SOURCES										
CITY	City Funds	0	0	49171	24943	24228	10097	23071	6299	88638
CO	County Funds	0	0	1084	0	1084	3130	0	0	4214
LOC	Local Funds	0	0	0	0	0	1139	0	0	1139
LOCM	Local Match for FAU	0	0	199	51	148	0	0	0	199
PVT	Private Funds	0	0	1900	1900	0	6525	0	0	8425
XALA	Alameda Co. Sales Tax	0	0	0	0	0	0	0	42701	42701
**TOTAL	ALAMEDA COUNTY	238898	32828	54143	238137	87732	97168	82867	55620	561524

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TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
***** CONTRA COSTA COUNTY *****
$000's

FUND	DEFINITION	BIENNIAL ELEMENT			1989	1990	1991	1992	1993	TOTAL
		FED	STA	OTHER						
FEDERAL SOURCES										
F	Consolidated Primary	5274	859	0	4054	2079	500	1830	500	8963
FAU	Federal Aid Urban	540	0	0	540	0	0	0	0	540
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	1341	0	277	1618	0	0	0	0	1618
FAUB	FAU - 85% Funds	430	70	0	250	250	250	250	250	1250
I	Federal Aid Interstate	171747	15952	0	99806	87893	137984	815	0	326498
IR	4-R Funds	120669	11206	0	54118	77757	33331	31101	1907	198214
FF	Priority Primary	830	44	0	496	378	0	0	0	874
MISCELLANEOUS										
BR	Bridge Replacement	400	100	0	250	250	250	250	250	1250
TOLL BRIDGES										
ANTB	Antioch Bridge	0	0	0	0	0	1095	0	0	1095
BENM	Benicia/Martinez Bridge	0	31330	0	31330	0	1625	0	266115	299070
CARQ	Carquinez Bridge	0	2035	0	818	1217	694	117	122	2968
RSRB	Richmond San Rafael Bridge	0	849	0	410	439	450	117	122	1538
LOCAL SOURCES										
CITY	City Funds	0	0	2537	350	2187	16875	161	0	19573
CO	County Funds	0	0	4723	4061	662	0	0	0	4723
PVT	Private Funds	0	0	2323	2323	0	0	0	0	2323
LOC	Local Funds	0	0	3708	798	2910	0	0	0	3708
LOCM	Local Match for FAU	0	0	88	88	0	0	0	0	88
***TOTAL**	**CONTRA COSTA**	301661	62515	13656	201560	176272	193304	34891	269516	875543

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
*** MARIN COUNTY ***
$000's

FUND	DEFINITION	BIENNIAL ELEMENT			1989	1990	1991	1992	1993	TOTAL
		FED	STA	OTHER						
FEDERAL SOURCES										
F	Consolidated Primary	4298	698	0	2972	2024	2408	6000	6828	20232
FAU	Federal Aid Urban	561	0	0	561	0	0	0	0	561
FAUL	FAU - Local	561	0	91	652	0	0	0	0	652
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAU8	FAU - 85% Funds	430	70	0	250	250	250	250	250	1250
FF	Priority Primary	11821	620	0	10770	1671	0	0	0	12441
IR	4-R Funds	59	6	0	65	0	993	0	0	1058
MISCELLANEOUS										
BR	Bridge Replacement	499	125	0	374	250	250	250	1491	2615
HES	Hazard Elimination Safety	298	33	0	0	331	0	0	0	331
TOLL BRIDGES										
RSRB	Richmond San Rafael Bridge	0	250	0	250	0	0	0	0	250
LOCAL SOURCES										
PVT	Private Funds	0	0	3431	3188	243	3956	0	0	7387
CO	County Funds	0	0	0	0	0	7084	0	0	7084
*TOTAL	MARIN COUNTY	18957	1872	3522	19332	5019	15191	6750	8819	55111

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
***** NAPA COUNTY *****
$000's

FUND	DEFINITION	BIENNIAL ELEMENT FED	STA	OTHER	1989	1990	1991	1992	1993	TOTAL
FEDERAL SOURCES										
F	Consolidated Primary	14280	2324	0	9174	7430	2325	500	500	19929
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAU8	FAU - 85% Funds	430	70	0	250	250	250	250	250	1250
IR	4-R Funds	339	32	0	371	0	0	0	0	371
MISCELLANEOUS										
BR	Bridge Replacement	400	100	0	250	250	250	250	250	1250
HES	Hazard Elimination Safety	1192	132	0	0	1324	0	0	0	1324
***TOTAL**	**NAPA COUNTY**	17071	2728	0	10295	9504	3075	1250	1250	25374

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
***** SAN FRANCISCO COUNTY *****
$000's

FUND	DEFINITION	BIENNIAL ELEMENT			1989	1990	1991	1992	1993	TOTAL
		FED	STA	OTHER						
FEDERAL SOURCES										
F	Consolidated Primary	2114	344	0	984	1474	1093	1126	804	5481
FAU	Federal Aid Urban	779	0	0	388	391	0	0	0	779
FAUS	FAU - State	1205	196	0	699	702	250	250	250	2151
FAUX	FAU - All	1884	0	560	1795	649	0	0	0	2444
FAU8	FAU - 85% Funds	2055	336	0	747	1644	250	250	250	3141
IR	4-R Funds	11341	1055	0	5058	7338	2082	3863	8046	26387
MISCELLANEOUS										
BR	Bridge Replacement	508	127	0	385	250	1603	250	250	2738
STATE SOURCES										
STA	State Only Funds	0	5456	0	490	4966	0	0	3227	8683
STAM	State Match for FAU	0	123	0	61	62	0	0	9490	9613
TOLL BRIDGES										
SFOB	San Francisco Bay Bridge	0	18385	0	15196	3189	4500	585	608	24078
LOCAL SOURCES										
CITY	City Funds	0	0	0	0	0	211	640	1180	2031
CO	County Funds	0	0	0	0	0	0	0	6084	6084
LOC	Local Funds	0	0	0	0	0	0	0	75999	75999
***TOTAL SAN FRANCISCO COUNTY**		19886	26022	560	25803	20665	9989	6964	106188	169609

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
***** SAN MATEO COUNTY *****
$000's

FUND	DEFINITION	BIENNIAL FED	ELEMENT STA	OTHER	1989	1990	1991	1992	1993	TOTAL
FEDERAL SOURCES										
F	Consolidated Primary	16455	2679	0	16509	2625	8744	18422	875	47175
FAU	Federal Aid Urban	5750	0	0	2315	3435	2859	0	0	8609
FAUL	FAU - Local	828	0	134	316	646	0	0	0	962
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	6676	0	1844	5741	2779	1102	1592	7889	19103
FAUB	FAU - 85% Funds	430	70	0	250	250	582	250	250	1582
FR	Consolidated Primary (R-R-R)	322	52	0	374	0	3735	0	0	4109
IR	4-R Funds	4199	390	0	4089	500	500	500	4272	9861
MISCELLANEOUS										
RS	Rural Secondary	0	0	0	0	0	413	0	0	413
BR	Bridge Replacement	2472	618	0	2840	250	250	250	569	4159
ER	Emergency Repair	52889	0	0	52889	0	0	0	0	52889
HES	Hazard Elimination Safety	1022	113	0	1135	0	3631	0	0	4766
STATE SOURCES										
MSTA	Miscellaneous State Funds	0	1709	0	1709	0	0	0	0	1709
STA	State Only Funds	0	2353	0	2353	0	0	952	0	3305
TOLL BRIDGES										
DUMB	Dumbarton Bridge	0	3332	0	3332	0	0	0	3042	6374
SMHB	San Mateo/Hayward Bridge	0	569	0	0	569	766	87118	0	88453
LOCAL SOURCES										
CITY	City Funds	0	0	3114	3114	0	3574	0	25135	31823
CO	County Funds	0	0	1824	1824	0	0	0	0	1824
LOCM	Local Match for FAU	0	0	1046	485	561	494	0	0	1540
PVT	Private Funds	0	0	12113	12113	0	1266	0	0	13379
***TOTAL**	**SAN MATEO**	91473	11955	20075	111638	11865	28166	109334	42282	303285

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
***** SANTA CLARA COUNTY *****
$000's

FUND	DEFINITION	BIENNIAL ELEMENT			1989	1990	1991	1992	1993	TOTAL
		FED	STA	OTHER						
FEDERAL SOURCES										
F	Consolidated Primary	27270	4439	0	29874	1835	12739	5187	21994	71629
FAU	Federal Aid Urban	42206	0	0	18812	23394	17017	6111	0	65334
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	65389	3485	10620	50123	29371	4262	1720	2774	88250
FAU8	FAU - 85% Funds	58866	9582	0	57164	11284	250	250	250	69198
FF	Priority Primary	20054	1056	0	2170	18940	0	0	382	21492
I	Federal Aid Interstate	41450	3850	0	45300	0	0	0	0	45300
IR	4-R Funds	23965	2227	0	11432	14760	1390	2300	821	30703
DEMONSTRATION PROJECTS										
D13	San Jose -- Route 237	0	0	0	0	0	22309	0	0	22309
MISCELLANEOUS										
BR	Bridge Replacement	479	120	0	349	250	250	250	1243	2342
HES	Hazard Elimination Safety	4794	533	0	3490	1837	0	554	0	5881
STATE SOURCES										
STA	State Only Funds	0	7922	0	7173	749	4776	1193	0	13891
STAD	State Match for Fed Demo	0	0	0	0	0	5577	0	0	5577
STAM	State Match for FAU	0	589	0	589	0	0	1018	0	1607
LOCAL SOURCES										
CITY	City Funds	0	0	68036	46823	21213	9513	0	0	77549
CO	County Funds	0	0	33031	33031	0	0	0	0	33031
LOC	Local Funds	0	0	23313	22429	884	8490	0	0	31803
LOCM	Local Match for FAU	0	0	4932	1736	3196	2669	125	0	7726
PVT	Private Funds	0	0	468	468	0	0	304	0	772
XSCL	Santa Clara Co. Sales Tax	0	0	613367	254875	358492	104416	0	20000	737783
***TOTAL**	**SANTA CLARA COUNTY**	284903	33873	753767	586088	486455	193908	19262	47714	1333427

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
*** SOLANO COUNTY ***
$000's

FUND	DEFINITION	BIENNIAL ELEMENT			1989	1990	1991	1992	1993	TOTAL
		FED	STA	OTHER						
FEDERAL SOURCES										
F	Consolidated Primary	15722	2559	0	17565	716	1801	22625	500	43207
FAU	Federal Aid Urban	659	0	0	60	599	0	0	0	659
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	780	0	576	1356	0	0	1470	0	2826
FAU8	FAU - 85% Funds	430	70	0	250	250	250	250	250	1250
I	Federal Aid Interstate	2132	198	0	2330	0	0	0	0	2330
IR	4-R Funds	15303	1421	0	12788	3936	11106	1218	500	29548
MISCELLANEOUS										
BR	Bridge Replacement	840	210	0	800	250	250	250	250	1800
HES	Hazard Elimination Safety	0	0	0	0	0	1148	0	0	1148
STATE SOURCES										
STA	State Only Funds	0	125	0	125	0	659	0	0	784
TOLL BRIDGES										
CARQ	Carquinez Bridge	0	3564	0	0	3564	0	0	0	3564
BENM	Benicia/Martinez Bridge	0	0	0	0	0	554	0	0	554
LOCAL SOURCES										
CITY	City Funds	0	0	1128	50	1078	0	5183	486	6797
PVT	Private Funds	0	0	0	0	0	185	369	0	554
*TOTAL	SOLANO COUNTY	36296	8217	1704	35574	10643	16203	31615	2236	96271

TABLE II - 1
METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
REVENUE - EXPENDITURE
*** SONOMA COUNTY ***
5000's

FUND	DEFINITION	BIENNIAL FED	ELEMENT STA	OTHER	1989	1990	1991	1992	1993	TOTAL
FEDERAL SOURCES										
F	Consolidated Primary	26461	4306	0	12341	18426	16179	1449	500	48895
FAU	Federal Aid Urban	798	0	0	798	0	0	0	0	798
FAUS	FAU - State	430	70	0	250	250	250	250	250	1250
FAUX	FAU - All	906	0	147	1053	0	0	0	0	1053
FAUB	FAU - 85% Funds	430	70	0	250	250	250	250	250	1250
FF	Priority Primary	14757	776	0	11947	3586	38266	0	0	53799
MISCELLANEOUS										
BR	Bridge Replacement	9536	2384	0	2429	9491	250	250	250	12670
HES	Hazard Elimination Safety	6433	715	0	4443	2705	799	0	0	7947
STATE SOURCES										
STA	State Only Funds	0	0	0	0	0	896	392	0	1288
LOCAL SOURCES										
CITY	City Funds	0	0	4962	2869	2093	0	40	6575	11577
LOC	Local Funds	0	0	151	0	151	0	0	0	151
LOCM	Local Match for FAU	0	0	102	102	0	0	0	0	102
*TOTAL	SONOMA COUNTY	59751	8321	5362	36482	36952	56890	2631	7825	140780

TABLE II -2

METROPOLITAN TRANSPORTATION COMMISSION
LOCAL HIGHWAYS
1989-1993 FEDERAL TIP
REVENUE = EXPENDITURE

FEDERAL PORTION OF FAU FUNDS ONLY
REGIONAL SUMMARY

COUNTY	1989	1990	1991	1992	1993	TOTAL
ALAMEDA	19107	4102	228	3753	0	27190
CONTRA COSTA	14998	0	0	0	0	14998
MARIN	1780	95	577	1720	566	4738
NAPA	2357	0	0	0	0	2357
SAN FRANCISCO	11394	[illegible]36	3672	3672	3666	27140
SAN MATEO	6837	[illegible]0	722	1987	718	13574
SANTA CLARA	2110	2525	951	3770	3770	13126
SOLANO	3755	0	4114	377	0	8246
SONOMA	2185	0	0	0	0	2185
*TOTAL MTC REGION	64523	14768	10264	15279	8720	113554

III.
Highway/ Federal-Aid-Urban Element

III. HIGHWAY ELEMENT

The Highway Element of the 1989-93 Transportation Improvement Program (TIP) contains five sections - the five-year State highway program for the region, the five-year Federal Aid Urban (FAU) System Program, Interstate Transfer Program, five year Toll Bridge Program, and upcoming 1987 Surface Transportation Assistance Act Demonstration Projects.

STATE HIGHWAY PROGRAM

The five-year State highway program is developed each year from the Regional Transportation Improvement Program (RTIP), which sets forth the region's priorities for State highway system improvement projects, and the Proposed State Transportation Improvement Program (PSTIP), which sets forth the State Department of Transportation's priorities. The California Transportation Commission (CTC) considers all such proposed regional and State projects and produces the State Transportation Improvement Program (STIP), which specifies the State's spending priorities and reflects its consideration of the best use of available federal funding. The STIP then serves as the basis for developing this document, the Federal Transportation Improvement Program. State highway projects are listed by county, and ordered by State highway route number within each county. The Biennial Element specifies the amounts of federal and State funds programmed for each project during the next two years. The cost shown for each project should be increased by 10% to allow for construction engineering. In addition, preliminary engineering costs may be added for projects with only right-of-way funding. The highway program listing includes projects on the State Toll Bridges, however a separate section in Chapter III lists the entire 1988 Toll Bridge Program.

FEDERAL AID URBAN (FAU) PROGRAM

The five-year FAU program for each county is compiled each year by county selection committees, reviewed locally, and adopted by each county's Board of Supervisors, The FAU programs in this TIP are listed by county, and the projects are listed by priority within urban or urbanized areas. In some instances a city or county may be the lead agency in implementing an FAU project on a State highway route through the jurisdiction, as indicated in the listing for the project.

INTERSTATE TRANSFER PROGRAM

The Interstate Transfer Program includes highway, transit, and transportation system management (TSM) projects to be financed with Interstate Substitution Funds resulting from the withdrawal of a segment of I-280 in San Francisco.

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TOLL BRIDGE PROGRAM

The CTC adopted the 1988 Toll Bridge Program as listed.

DEMONSTRATION PROJECTS

Appropriate Demonstration Projects included in the 1988 STAA are listed in this section.

PROJECT CODING TABLE

Fund Type Codes

Interstate

I	Interstate
IR	Interstate 4R

Primary

BWF	100% Bikeway Primary
F	Consolidated Primary
FF	Priority Primary
FR	Primary Rehabilitation

Other Federal Aid

BPH	Bypass Highway
BR	Special Bridge Replacement
BWM	100% Bikeway FAU
DBR	Discretionary Bridge Replacement
ER	Emergency Repair
FH	Forest Highways
FLH	Public Lands
HES	Hazard Elimination Safety
M	Urban System
RS	Rural Secondary (FAS)
MISC	USBR, US Corps of Engineers, LA Port Access Demonstration Projects, and Federal funds other than Highway

State Only or Match, FAU Match and RR Crossings

ELP	Environmental License Plate Fund
M	Urban System Match
RRP	Railroad Grade Crossing Protection
STA	State Only
TBF	Toll Bridge Funds
OTHER	totally funded by other than State or Federal Highway funds.

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
13	04	OAKLAND CITY LIMIT TO DOMINGO AVE	T1	P								
T 9.7	C/O			R								
10.7	HA22	PAVEMENT REHABILITATION	88TIP	C	899	146		1045				
0009	105721		FAU8	T	899	146		1045				
13	04	DOMINGO TO SHATTUCK AVE	T1	P	89	14		103				
10.7				R								
12.1	HA22	ROADWAY RECONSTRUCTION	88TIP	C	884	144			1028			
0010A	HYY301		FAU8	T	973	158		103	1028			
24	04	COLLEGE AV TO CALDECOTT TUNNEL WB	T1	P								
R 3.5		GOLDEN GATE AV TO COLLEGE AVE EB		R								
R 5.9	HB1	GROOVE PAVEMENT	88TIP	C	410	67		477				
0054A	121860		F	T	410	67		477				
* 24	04	BROADWAY TO THE CALDECOTT TUNNEL	T2	P	46	7		53				
R 4.0		TSM REPLACEMENT PLANTING TO 55Y	IGR	R								
R 5.9	HB5	CONTRA FLOW HOV LANE (EB)	88TIP	C	454	74			528			
0055A	10959G		F	T	500	81		53	528			
24	04	BROADWAY TO THE CALDECOTT TUNNEL	T1	P								
R 4.0				R								
R 5.9	HA25	REPL PLNTG PORTION OF 55A CAT-9	88TIP	C								60
0055Y	12279G		F	T								60

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
61	04	HARBOR BAY PARKWAY TO ISLAND DR	T1	P	91			91				
18.0				R								
18.5	HE13	WIDEN CONVENTIONAL 2 LANE TO 4 LANE	88TIP	C	912				912			
0060C	121020	** NOT APPROVED FOR FUNDING BY CO **	FAU	T	1003			91	912			
				P								
				R								
				C			148		148			
			LOCM	T			148		148			
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE		P								
1.1		INCLUDES SF 80 5.6/5.7		R								
1.2	HA21	REPAIR STEEL ARMOUR DECK JOINTS	88TIP	C						516		
0060D	00299G		SFOB	T						516		
80	04	EAST OF SFOBB TO JCT RTE 580 UNIT 5	T1	P	889	83		972				
1.5		INC POR OF #152	IGR	R	457	42		477	22			
3.0	HB5	HIGH OCCUPANCY VEHICLE LANE (EB)	88TIP	C	8889	826		9715				
0066A	180501		I	T	10235	951		11164	22			
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE		P								
1.9		FOR TOWERS		R								
2.1	HA21	SECURITY MONITORING SYS AND ALARM	88TIP	C		324		324				
0062A	003010		SFOB	T		324		324				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST C/O PROGRAM EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER PRIORITY SOURCE FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
80	04	AT SFOBB TOLL PLAZA		P								
2.0				R								
2.1	HA14	REMODEL & EXPAND DISPATCHER OFFICE	88TIP	C						592		
0064	002310		SFOB	T						592		
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE		P								
2.0				R								
2.2	HA14	REMODEL ADMIN BUILDINGS	88TIP	C		255			255			
0064E	00297G		SFOB	T		255			255			
80	04	WEST GRAND TO SOUTH OF ASHBY AVE	T1	P	926	86		1012				
2.6	C/O	UNIT 3 INCL PP#69	IGR	R	6455	600		7055				
4.4	HB5	HOV LANE,ADDITIONAL LANE AND I/C	88TIP	C	9260	860		10120				
0066B	180301		I	T	16641	1546		18187				
80	04	JCT RTE 580 TO ASHBY AVE UNIT 5A	T2	P	2452	228		2680				
3.0			IGR	R	597	56			653	889	23	
4.8	HB5	HIGH OCCUPANCY VEHICLE LANE EAST B	88TIP	C							26795	
0066E	1805A1		I	T	3049	284		2680	653	889	26818	
80	04	S OF ASHBY AVE TO THE N CITY LIMITS	T2	P	3773	351		4124				
4.8		OF BERKELEY UNIT B	IGR	R	1109	103		300	912	228		
6.7	HB5	HOV & ADDITIONAL LANES	88TIP	C						41238		
0069A	180801		I	T	4882	454		4424	912	41466		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
80	04	UNIVERSITY AVE TO GILMAN ST	T2	P	109	10		119				
5.8		(PORTION OF #69A)		R	1273	118		600	791			
6.6	HE14	RECONSTRUCT FRONTAGE RD (WEST SIDE)	88TIP	C	1087	101			1188			
0073A	180111		I	T	2469	229		719	1979			
84	04	ON THE DUMBARTON BRIDGE		P								
R .0		SM 84 R29.3/R30.1		R								
R 3.4	HB4	INSTALL SECURITY MONITORING SYSTEM	88TIP	C		286		286				
0080B	003081		DUMB	T		286		286				
84	04	ON THORNTON AVE FROM JARVIS RD TO		P								
4.0		RTE 880 RELINQUISH TO CITY		R								
6.9	HE206	RESURFACING	88TIP	C		1186		1186				
0081B	033191		DUMB	T		1186		1186				
84	04	NEWARK OH TO RTE 84/880 SEP		P								
R 4.7		DECOTO ROAD		R								
R 6.0	HB1	INSTALL MEDIAN BARRIER	88TIP	C						416		
0082B	121100		DUMB	T						416		
84	04	AT ROUTE 880/84 I/C (DECOTO RD)		P								
R 5.7	C/O		IGR	R		140		140				
R 6.0	HE206	MODIFY INTERCHANGE (STAGE II)	88TIP	C		2958		2958				
0081A	033170		DUMB	T		3098		3098				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
84	04	THORNTON AVE TO SOUTH OF RTE 238	T1	P	76	7		83				
8.0				R								
10.8	HA22	ROADWAY RECONSTRUCTION	88TIP	C	758	70			828			
0084A	CQJ113		IR	T	834	77		83	828			
84	04	0.9 MI E OF RTE 680 TO VINEYARD AVE	T1	P								
19.0		(5 LOCATIONS)		R	103	17		80	40			
24.3	HB1	HORIZONTAL AND VERTICAL CURVE	88TIP	C	3201	521			3722			
0086A	111151		RS	T	3304	538		80	3762			
84	04	E OF N MINES RD TO W OF SOUTHFRONT	T1	P								
29.3		RD (CITY OF LIVERMORE)		R								
29.5	HB4C	WIDEN EASTBOUND ROADWAY	88TIP	C			599		599			
0089B	113350		CITY	T			599		599			
92	04	AT SAN MATEO-HAYWARD BR, TOLL PLAZA		P								
R 2.2		IMPROVEMENTS. COMB W/#683A		R								
R 3.6	HB4		88TIP	C		3952		3952				
0088E	002330		SMHB	T		3952		3952				
92	04	SAN MATEO-HAYWARD BRIDGE		P								
R 2.5				R								
R 2.6	HA14	REMODEL ADMIN BUILDINGS	88TIP	C		274			274			
0088F	00303G		SMHB	T		274			274			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
92	04	INDUSTRIAL BLVD TO HESPERIAN BLVD	T2	P	103	17		120				
R 5.1				R								
R 5.7	HB311	HIGHWAY SOUNDWALL	88TIP	C							1195	
0091B	JCB580		F	T	103	17		120			1195	
* 112	04	DAVIS ST, GILMORE DR TO WAYNE AVE/	T1	P								
.6		PREDA ST (UNIT 1)	IGR	R			128	128				
1.6	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88TIP	C			111	111				
0092F	12181G		CITY	T			239	239				
				P	147			147				
				R	784			784				
				C	1470			1470				
			FAU	T	2401			2401				
				P								
				R								
				C		238		238				
			STAM	T		238		238				
* 112	04	DAVIS ST, PREDA ST TO MARTINEZ ST	T1	P								
1.0		(UNIT 2)	IGR	R			601	601				
1.3	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88TIP	C			1861	1861				
0092C	12182G		CITY	T			2462	2462				
				P								
				R								
				C		419		419				
			STAM	T		419		419				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
* 112	04	DAVIS ST, MARTINEZ ST TO CARPENTIER	T1	P								
1.3		UNIT 3-FAU-2274(R985)CTY-1335(R1165	IGR	R			1165	1165				
1.6	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88TIP	C			170	170				
0092G	12183G		CITY	T			1335	1335				
				P	129			129				
				R	985			985				
				C	1289			1289				
			FAU	T	2403			2403				
				P								
				R		120		120				
				C		144		144				
			STAM	T		264		264				
238	04	N OF INDUSTRIAL PKWY TO RTE 580	T2	P								
9.3		CONDITION HAYWARD MATCH FOR ALA TA	20	R								
14.2	HE14	CONSTRUCT 4/6 LANE EXY/FWY NO. UNIT	88TIP	C								6299
0095A	155300		CITY	T								6299
				P								
				R								
				C								42701
			XALA	T								42701
238	04	RTE 880/238 INTERCHANGE	T1	P	1276	119		1395				
15.9	C/O			R	459	43		502				
16.7	HE11	(WB) TO (SB) CONNECTION	88TIP	C	12764	1186		13950				
0096	172380		IR	T	14499	1348		15847				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
260	04	WEBSTER STREET TUBE (#33-106L)	T1	P								
R 1.2				R								
R 1.9	HA21	STRUCTURAL REHABILITATION	88TIP	C		651			651			
0098C	DWA505		STA	T		651			651			
580	04	IN LIVERMORE AT JCT RTE 84	T1	P								
10.5		(FIRST ST INTERCHANGE)	IGR	R								
10.9	HE11	MODIFY INTERCHANGE	88TIP	C						5444		
0113A	12195G		CITY	T						5444		
580	04	COLLIER CANYON RD (KITTYHAWK RD)	T1	P								
13.9			IGR	R							399	
14.6	HE11	CONSTRUCT INTERCHANGE	88TIP	C							8609	
0117C	116070		CITY	T							9008	
580	04	AT AIRWAY BLVD I/C	T1	P								
14.5		LIVERMORE	IGR	R								
15.4	HE11	MODIFY INTERCHANGE	88TIP	C							4502	
0118	116060		CITY	T							4502	
* 580	04	AT SANTA RITA RD I/C	T1	P								
17.6		PLEASANTON	IGR	R			2100	2100				
18.3	HE11	CONSTRUCT ADDITIONAL O/C & RAMPS	88TIP	C			4899	4899				
0118B	115940		CITY	T			6999	6999				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 580	04	AT HACIENDA DRIVE EXTENSION	T1	P								
18.2		CITY OF PLEASANTON INCL#114A	IGR	R			4238		4238			
19.7	HE11	NEW I/C, RAMPS, RELOC FRT RD,AUX LN	88TIP	C			10902		10902			
0108	115930		CITY	T			15140		15140			
580	04	ROUTE 680 TO EDEN CANYON ROAD	T1	P								
20.7		(CTC 12/12/85)		R								
26.2	HA25	PLANT REVEGETATION CAT-8	88TIP	C						276		
0121	207660		IR	T						276		
580	04	E/EDEN CANYON TO E/CROW CANYON RDS	T1	P								
T 25.9				R								
28.3	HA25	PLANT REVEGETATION CAT-1	88TIP	C	422	39			461			
0122A	106010		IR	T	422	39			461			
580	04	E/CROW CANYON RD TO E/STROBRIDGE AV	T1	P								
28.0	C/O	CTC (12/12/85)		R								
30.0	HA25	REPLACEMENT PLANTING CAT-1	88TIP	C	402	37		439				
0126A	106090		IR	T	402	37		439				
580	04	E/STROBRIDGE AVE TO W/167 TH AVE	T1	P	68	6		74				
29.6		(CTC 12/12/85)		R								
R 31.7	HA25	REPLACEMENT PLANTING CAT-5	88TIP	C						739		
0134A	106080		IR	T	68	6		74		739		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
580	04	580/238 INTERCHANGE PHASE 2	T2	P								
29.6		CONDITIONED ON 238 - #0095A	20H	R							3400	
R 31.7	HE11	CONNECTIONS TO NEW RTE 238	88TIP	C							20007	
0134C	410951		STAL	T							23407	
580	04	IN OAKLAND AT RTE 580/13 IC AND ON	T1	P								
R 39.2	C/O	RTE 13 TO PARK BLVD (POR) INCL#142A		R								
R 39.3	HA22	REHABILITATE CULVERTS	88TIP	C	526	49		575				
0142B	117940		IR	T	526	49		575				
580	04	FRUITVALE ELEM - 3200 BOSTON AVE	T2	P								
R 41.1				R								
R 41.2	HB312	SCHOOL NOISE ATTENUATION	88TIP	C	242	22			264			
0146	109301		IR	T	242	22			264			
580	04	COOLIDGE AVE TO LINCOLN AVE	T2	P								
R 41.2				R								
R 41.4	HB311	HIGHWAY SOUNDWALL	88TIP	C							356	
0169A	JCB530		IR	T							356	
580	04	PARK BLVD UC TO W OF GRAND AVE OC	T1	P	54	5		59				
42.7				R								
43.9	HA25	IRRIG UPGRADE (AUTO MAN SYS) CAT 7	88TIP	C								590
0149	GB0014		IR	T	54	5		59				590

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
580	04	ON RTS 24,580,880,4980 BRIDGE #'S	T1	P	561	52		613				
45.2		33-302H,305F,303H,304G,4484G		R								
45.3	HA4	SEISMIC RETROFIT	88TIP	C	5605	521		6126				
0153A	126111		IR	T	6166	573		6739				
580	04	RTE 24 TO 0.9 MI E/SFOBB(POR INCL	T2	P	1743	162		1905				
45.9		#155 REPL PLNTG TO 152Y AQM		R	1797	167			1964	2821		
46.9	HB5	REVERSIBLE HOV AND RAMP REVISION	88TIP	C						19050		
0152	38001G		IR	T	3540	329		1905	1964	21871		
580	04	RTE 24 TO 0.9 MI E. OF SFOBB	T1	P								
45.9		POR INCL #155		R								
46.9	HA25	REPL PLNTG PORTION OF #152 CAT-5	88TIP	C								437
0152Y	12280G		IR	T								437
580	04	N C/L OF BERK TO CC CO LINE INC#69	T1	P								
47.3	C/O	ALA 80 UNIT 1-KNOX REPL PLNTG		R	4698	436		5134				
48.0	HE14	80/580 FWY/FWY CONN TO 53Y	88TIP	C	33489	3111		36600				
0053	180101		I	T	38187	3547		41734				
580	04	0.2 MI N OF GILMAN ST TO CC CO LINE	T1	P	58	5		63				
47.3		KNOX INCL#A0206B ALA 80 6.8/8.0		R								
48.0	HA25	REPL PLNTG PORTION OF #53 CAT-9	88TIP	C							631	
0053Y	18017G		IR	T	58	5		63			631	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $ ($1,000)	89/90 $	90/91 $	91/92 $	92/93 $
680	04	BETWEEN GRIMMER BLVD AND DURHAM RD	T2	P	53	5		58				
M 3.4				R								
M 3.9	HB311	HIGHWAY SOUNDWALL	88TIP	C							578	
0158B	JCB540		IR	T	53	5		58			578	
680	04	RTE 238 TO HAPPY VALLEY RD UC	T1	P								
R 6.4	C/O	REPL PLNTG TO 159Y		R	36	3		39				
R 15.0	HE13	WIDEN TO 6 LANE FREEWAY	88TIP	C	9974	926		10900				
0159A	11273G		IR	T	10010	929		10939				
680	04	RTE 238 TO RTE 84	T1	P								
R 6.4				R								
R 15.0	HA25	REPL PLNTG PORTION OF 159A CAT-9	88TIP	C								127
0159Y	12283G		IR	T								127
680	04	RTE 84 TO N OF RTE 580	T1	P								
R 15.0				R								
R 20.1	HA25	REPL PLNTG PORTION OF 165C CAT-9	88TIP	C								127
0165Y	12281G		IR	T								127
680	04	FROM 0.7 MI N OF ARROYO DELA LAGUNA	T1	P								
R 17.8	C/O	TO 1.3 MI S OF 680/580 I/C PTN#165C		R								
R 18.7	HE13	CONSTRUCT SOUND WALLS	88TIP	C	2288	212		2500				
0165D	123231		IR	T	2288	212		2500				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
* 680	04	STONERIDGE DRIVE IN PLEASANTON	T1	P								
R 18.8	C/O	(INCLU 114A)	IGR	R			3441	3441				
R 19.9	HE11	WIDN OC, CON RAMPS,SIG & AUX LNS	88TIP	C			10467	10467				
0168B	11351G		CITY	T			13908	13908				
* 680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	233	22		255				
R 20.1		REPL PLNTG TO 169Y (POR TO 272D)	IGR	R								
R 21.9	HE13	WIDEN 6 LANES TO 8 LANES	88TIP	C	2332	217			2549			
A0272C	11274G		IR	T	2565	239		255	2549			
680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	198	18		216				
R 20.1		POR OF #272C		R								
R 21.9	HE13	CONSTRUCT SOUNDWALLS	88TIP	C	1980	184			2164			
A0272D	CKY010		IR	T	2178	202		216	2164			
680	04	N OF RTE 580 TO CC CO LINE	T1	P								
R 20.1				R								
R 21.9	HA25	REPL PLNTG POR OF #A0272C CAT-9	88TIP	C							229	
0169Y	12282G		IR	T							229	
* 880	04	MONTAGUE EXP TO RTE 262(ALA/SCL)	T2	P	269	25		294				
R .0		INCL #416B) REPL PLTNG TO A0416Y	IGR	R								
2.3	HE13	WIDEN TO 6 LANES POSS HOV LN	88TIP	C	2693	250			2943			
A0416A	112820		IR	T	2962	275		294	2943			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

	ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
	880	04	MONTAGUE EXPRESSWAY TO RTE 262	T1	P	52	5		57				
R	.1		(ALA/SCL)		R								
	2.3	HA25	REPL PLNTG POR OF #A0416A CAT-9	88TIP	C								572
	A0416Y	12291G		IR	T	52	5		57				572
	880	04	DIXON LANDING I/C	T1	P								
R	.1		100% FREMONT		R								
R	.2	HE11	WIDEN OVERCROSSING, MODIFY I/C	88TIP	C						4653		
	0017B	113530		CITY	T						4653		
	880	04	ROUTE 880/262 INTERCHANGE	T1	P								
	2.3		(CITY OF FREMONT)		R								
	2.5	HE11	MODIFY INTERCHANGE, PHASE II	88TIP	C							9561	
	0014B	11539G		CITY	T							9561	
*	880	04	FREMONT BLVD-LANDING RD I/C	T1	P								
	3.1			IGR	R			1900	1900				
	3.3	HE11	WIDEN OVERCROSSING, MODIFY I/C	88TIP	C						6525		
	0015B	113540		PVT	T			1900	1900		6525		
*	880	04	DURHAM RD INTERCHANGE	T1	P								
	4.6		CITY OF FREMONT	IGR	R			225		225			
	4.8	HE11	WIDEN OVERCROSSING, MODIFY I/C	88TIP	C			8264		8264			
	0018A	115400		CITY	T			8489		8489			

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ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
880	04	STEVENSON BLVD TO DECOTO RD	T1	P								
6.2		POSS FUTURE PAYBACK TO ALA CO		R								
10.1	HB311	CONSTRUCT SOUNDWALLS	88TIP	C						3130		
0018G	CMA440		CO	T						3130		
880	04	STEVENSON AVE TO DECOTO RD	T2	P								
6.2		(POSSIBLE PAYBACK)		R								
10.1	HB311	CONSTRUCT SOUNDWALLS	88TIP	C						3130		
0018H	CMA44P		STA	T						3130		
* 880	04	A. NILES RD TO DAVIS UNIT VII REQ	T1	P	666	62		728				
13.0		MITIG FOR 29FGHIJK REP PLNT TO 29Y	IGR	R								
23.6	HE13	HIGHWAY SOUNDWALLS (LEFT AND RIGHT)	88TIP	C	6661	619		7280				
0029B	11789G		IR	T	7327	681		8008				
* 880	04	NILES PD TO INDUSTRIAL PARKWAY	T2	P	1584	147		1731				
13.0		UNIT IV POR OF 29A,C WIDEN 6-8 FWY,	IGR	R	2466	229		1100	1595			
14.6	HE13	NOISE AND RET WALLS, AUX LN, WIDEN	88TIP	C	15840	1472			17312			
0029K	123161		IR	T	19890	1848		2831	18907			
880	04	A. NILES RD TO DAVIS	T1	P	124	12		136				
13.0		MITIGATION		R								
23.6	HA25	REPL PLNTG PORTION OF 29B CAT-3	88TIP	C								1357
0029Y	12284G		IR	T	124	12		136				1357

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
880	04	ALQUIRE ROAD OH	T1	P								
13.8		BR NO 33-246		R								
13.9	HA21	STRENGTHEN BRIDGE	88TIP	C						344		
0030A	RYU610		IR	T						344		
* 880	04	INDUSTRIAL PARKWAY TO RTE 92 UNIT	T1	P	1237	115		1352				
14.6		III & IIIA POR OF 29A,C WIDEN 6-8	IGR	R	183	17		200				
16.5	HE13	FWY, MED BARR, NOISE & RET WALLS	88TIP	C	12371	1149		13520				
0029F	123151		IR	T	13791	1281		15072				
* 880	04	RTE 92 TO WEST A ST UNIT II POR OF	T1	P	1332	124		1456				
16.5		29A,C WIDEN 6-8 FWY, MED BARR, 1	IGR	R	188	17		205				
18.5	HE13	STR, NOISE & RET WALLS	88TIP	C	13322	1238		14560				
0029G	123141		IR	T	14842	1379		16221				
880	04	RTE 92 SEP 33-188, A ST 33-179,	T1	P	56	5		61				
16.7		SN LORENZO 33-175S,HESPERIAN 33-170		R								
23.6	HA21	LEWELING 176,112 SEP 168:RAIL UPGDE	88TIP	C						610		
0031A	DWA010		IR	T	56	5		61		610		
* 880	04	A ST TO WASHINGTON AVE UNIT I POR	T1	P	1713	159		1872				
18.5		OF 29A,C WIDEN 6-8,AUX LN, REPL 4 &	IGR	R								
20.9	HE13	WIDEN 3 STRS,NOISE & RET WALLS	88TIP	C	17129	1591		18720				
0029H	123131		IR	T	18842	1750		20592				

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 880	04	LEWELLING BLVD TO DAVIS ST UNIT VI	T2	P	594	55		649				
20.3		(SB) POR OF 29A,C	IGR	R	852	79		365	566			
23.6	HE13	AUX LN, NOISE BARR, WIDEN 2 STRS	88TIP	C	5940	552			6492			
0029J	123181		IR	T	7386	686		1014	7058			
880	04	NEAR RTE 238, AT ORA LOMA DITCH	T1	P								
20.7		2/3 ST - 1/3 CO AGREE W/ALA CO		R								
20.8	HA4	UPGRADE EXISTING CULVERT	88TIP	C			1084		1084			
0040	288000		CO	T			1084		1084			
				P	199	18		217				
				R	102	9			111			
				C	1983	184			2167			
			IR	T	2284	211		217	2278			
* 880	04	WASHINGTON TO DAVIS ST UNIT V (NB)	T2	P	613	57		670				
20.9		POR OF 29A,C AUX LN, NOISE & MED	IGR	R	192	18			210			
23.6	HE13	BARR, REPL STR	88TIP	C	6127	569			6696			
0029I	123171		IR	T	6932	644		670	6906			
880	04	DAVIS ST TO SOUTHERN PACIFIC TRACK	T2	P	86	8		94				
23.6		OH		R								
24.2	HB311	HIGHWAY SOUNDWALL (LT & RT)	88TIP	C						939		
0042D	JCB100		IR	T	86	8		94		939		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
880	04	98TH AVE TO HEGENBERGER RD	T2	P								
24.5				R								
25.2	HB311	HIGHWAY SOUNDWALL	88TIP	C						1139		
0042C	113200		LOC	T						1139		
880	04	98TH AVE TO HEGENBERGER RD	T2	P								
24.5		(POSSIBLE PAYBACK)		R								
25.2	HB311	CONSTRUCT SOUNDWALLS	88TIP	C						1139		
0042H	11320P		STA	T						1139		
880	04	98TH AVE INTERCHANGE-ON & OFF RAMPS	T1	P								
24.8	C/O	SH PORTION OF $8 M LOCAL ST PROJECT		R								
.0	HB4N	MODIFY RAMPS AT 98TH AVE	88TIP	C	311			311				
0041E	116700		FAU	T	311			311				
	C/O			P								
				R								
				C			51	51				
			LOCM	T			51	51				
880	04	AT 66TH AVENUE	T1	P								
26.0				R								
27.5	HA25	IRRIG UPGRADE (AUTO MAN SYS) CAT 7	88TIP	C							325	
0043	108060		IR	T							325	

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
880	04	AT COLE ELEMENTARY SCHOOL	T2	P								
32.8				R								
32.9	HB312	SCHOOL NOISE ATTEN AIR COND	88TIP	C	303	28			331			
0051	109260		IR	T	303	28			331			
880	04	AT DISTRIBUTION STRUCTURE (33-61LR)	T1	P	266	25		291				
34.2				R								
34.3	HA21	STRENGTHEN BRIDGE	88TIP	C							2907	
0052	DWA013		IR	T	266	25		291			2907	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0400DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500
		0										
999	04	COMMUTER COMPUTER-LUMP SUM ALL MTC		P								
.0		COUNTIES		R								
.0			FED	C	3200			1600	1600	1600	1600	1600
0408DB	LUMPSUM		FAP	T	3200			1600	1600	1600	1600	1600

METROPOLITAN TRANSPORTATION COMMISSION
1989-1991 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** ACMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
4	04	0.7 MI W/CHRISTIE UP TO CUMMINGS OC	T1	P								
3.0				R								
T 4.7	HA22	AC OVERLAY	88TIP	C	471	25		496				
0175	CQJ105		FF	T	471	25		496				
4	04	PERALTA RD TO WILLOW PASS RD IN	T1	P								
R 14.0		CONCORD		R								
R 16.8	HA4	EDGE DRAINS	88TIP	C							298	
0184A	DS2000		IR	T							298	
4	04	WILLOW PASS RD IN CONCORD TO	T1	P								
16.8	C/O	WILLOW PASS RD IN PITTSBURG	IGR	R			200	200				
18.9	HB4C	ADD AUX LNN (WB) & RELOCATE WB RAMP	88TIP	C			2754	2754				
0185A	123040		CO	T			2954	2954				
4	04	RR AVE OV TO HARBOR ST OC	T1	P								
23.1				R								
23.5	HA4	SLOPE PAVING EB & WB	88TIP	C	313	51		364				
0192B	CC1000		F	T	313	51		364				
4	04	IN PITTSBURG AT 0.4 MI W OF	T1	P								
24.0		LOVERIDGE RD		R	5				5			
24.1	HA4	UPGRADE DRAINAGE	88TIP	C	354	19			373			
0195A	112971		FF	T	359	19			378			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
4	04	SPRUCE ST AT 2ND ST TO RAILROAD AVE	T1	P								
38.7	C/O	AT OAK STREET		R	171	28		199				
39.1	HE14	REALIGNMENT OF EXISTING HIGHWAY	88TIP	C	2322	378		2700				
0203A	107101		F	T	2493	406		2899				
4	04	KELLOGG CREEK TO EAST OF KENDALL CR	T1	P								
45.6	C/O	BR UNIT 3 (87TIP)		R			50	50				
45.8	HE12	REALIGN AND WIDEN ROADWAY	88TIP	C			469	469				
0204B	0E0001		CO	T			519	519				
4	04	E OF KENDALL CR BR TO DISCOVERY BAY	T1	P								
45.8		BLVD, UNIT 4 (87TIP)		R			90	90				
46.5	HE12	WIDEN AND REALIGN ROADWAY	88TIP	C			498	498				
0204C	0E0011		CO	T			588	588				
4	04	DISCOVERY BLVD TO E OF IRRIGATION	T1	P								
46.5		CHANNEL, UNIT 5 (87 TIP)		R								
47.5	HE12	WIDEN ROADWAY	88TIP	C			662		662			
0204D	0E0021		CO	T			662		662			
* 24	04	EAST PORTAL OF CALDECOTT TUNNEL TO	T2	P	114	19		133				
R .3		ST STEPHENS DR TSM	IGR	R								
R 3.7	HB5	HOV ACCESS TO CALDECOTT TUNNEL (WB)	88TIP	C							1330	
0224	107050		F	T	114	19		133			1330	

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT	FED	STA	OTHER	88/89 $k	89/90 $k	90/91 $k	91/92 $k	92/93 $k
								($1,000)				
80	04	CENTRAL AVE I/C	T1	P								
.1		I-580 J.T. KNOX FWY		R								
.3	HA25	REPL PLNTG PORTION OF 237A CAT-5	88TIP	C							122	
0237Y	18016G		IR	T							122	
80	04	SOUTH OF CENTRAL AVE TO SOUTH OF	T2	P	269	25		294				
.2		BARRETT AVE (PORT OF #236)		R	96	9			105			
2.7	HB4C	AUXIL LANES-NOISE BARRIERS-PED OC	88TIP	C	2691	250			2941			
0236E	180221		I	T	3056	284		294	3046			
80	04	ANTIOCH AND CARQUINEZ BRIDGES ACCT		P								
1.0	C/O			R								
1.1	HA21	LUMP SUM MINOR (ALL PROGRAMS)	88TIP	C		926		818	108	112	117	122
0910	A21003		CARQ	T		926		818	108	112	117	122
80	04	BARRETT AVE/SAN PABLO DAM RDUNIT 2	T2	P	1867	173		2040				
2.6	C/O	INCL 236D & POR OF 69; POR TO 236E		R	294	27		163	158			
4.5	HB5	HOV-AUX LN-IC IMP-SOUND & RET WALL	88TIP	C	18661	1734			20395			
0236	180201		I	T	20822	1934		2203	20553			
80	04	E OF SANPABLO DAM RD TO E OF HILTOP	T2	P	2008	186		2194				
4.5	C/O	DR(UNIT 4)		R	1021	95		584	532	114		
6.2	HB5	HOV LN-ADD LN,IC IMP	88TIP	C						21938		
0236A	180401		I	T	3029	281		2778	532	22052		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL FED	BIENNIAL STA	BIENNIAL OTHER	ELEMENT	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 80	04	ATLAS ROAD INTERCHANGE	T2	P	183	17			200				
6.0		55% LOCAL	IGR	R	348	32				380			
6.8	HE14	CONSTRUCT FULL INTERCHANGE	88TIP	C	1832	170				2002			
0249A	CC0020		IR	T	2363	219			200	2382			
				P									
				R				465		465			
				C				2445		2445			
			LOC	T				2910		2910			
80	04	E OF HILLTOP DR TO W OF PINOLE VALY	T2	P	1214	113			1327				
6.2		RD UNIT 6 INCL #236G		R	1077	100				1177	4809		
8.4	HB5	HOV/ADDITIONAL LANE-SEE #249A	88TIP	C							13271		
0236B	180601		I	T	2291	213			1327	1177	18080		
80	04	WEST OF PINOLE VALLEY RD TO EAST OF	T2	P	2143	199			2342				
8.4		WILLOW AVE (UNIT 7)		R	275	25				300	591		
10.9	HB5	HOV - INTERCHANGE IMPROVEMENTS	88TIP	C							23418		
0236C	180701		I	T	2418	224			2342	300	24009		
80	04	CARQUINEZ BRIDGES WEST AND EAST		P									
12.8		APPROACHES SOL-80-0.3/1.0		R									
13.5	HB1	UPGRADE EXIST BARRIERS TO CONCRETE	88TIP	C		382				382			
0258C	00288G		CARQ	T		382				382			

* Requires MTC Project Review/grant application approval as discussed in Section VI.A2

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
80	04	CARQUINEZ BRIDGE WEST AND EAST		P								
13.0		APPROACHES SOL-80 0.3/0.6		R								
13.5	HA22	ROADWAY RECONSTRUCTION	88TIP	C		727			727			
0258D	00291G		CARQ	T		727			727			
80	04	CARQUINEZ BRIDGE		P								
13.1		SOL 80 0.0/0.9		R								
14.1	HB4	INSTALL CALL BOXES	88TIP	C						582		
0259A	002120		CARQ	T						582		
160	04	ANTIOCH BRIDGE WEST AND EAST		P								
.7		APPROACHES SAC 160 L1.3/L2.9		R								
.8	HA22	ROADWAY RECONSTRUCTION	88TIP	C						297		
0264B	002920		ANTB	T						297		
160	04	ON THE ANTIOCH BR (INCLUDES 10-SAC-		P								
.8		160 L0.0/L1.3)		R								
1.3	HB4	RDWY LIGHT CALL BOXES & TV CAMERAS	88TIP	C						798		
A0265	000480		ANTB	T						798		
242	04	WALNUT CR BR TO SOLANO WAY UC	T1	P	71	12		83				
R .0				R								
R 2.2	HA22	REPL BR APPROACH SLABS & EDGE DRAIN	88TIP	C	712	116			828			
0269C	CQJ107		F	T	783	128		83	828			

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
242	04	CONCORD AVE INTERCHANGE IN CONCORD	T1	P								
R 1.3			IGR	R								
R 1.5	HE11	REVISE ON AND OFF RAMPS-SIGNAL	88TIP	C	540			540				
0270C	115380		FAU	T	540			540				
				P								
				R								
				C			88	88				
			LOCM	T			88	88				
580	04	CENTRAL AVE I/C (KNOX FWY) POR #53	T1	P								
.0	C/O	HWY PLNTG TO 232Y		R	2333	217		2550				
1.2	HE14	RECONSTRUCT I/C, REPLACE STRUCTURE	88TIP	C	13817	1283		15100				
0232	180121		I	T	16150	1500		17650				
580	04	CENTRAL AVE I/C - KNOX FWY	T2	P	50	5		55				
.0		INCLUDES #B0206B		R								
1.2	HB32	HWY PLNTG PORTION OF #232 CAT-9	88TIP	C						545		
0232Y	18018G		IR	T	50	5		55		545		
580	04	S OF 47TH ST TO 23RD ST	T1	P								
1.6	C/O	(JOHN T KNOX FWY)(REQUIRED MITIGA)		R								
2.7	HB32	HIGHWAY PLANTING CAT 4	88TIP	C	291	27		318				
0208B	118060		I	T	291	27		318				

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
580	04	23RD ST TO CUTTING BLVD (KNOX FWY)	T2	P	70	6		76				
2.7		REQUIRES MITIGATION (CTC 12/12/85)		R								
3.4	HB32	HIGHWAY PLANTING CAT-9	88TIP	C						757		
0208C	12204G		IR	T	70	6		76		757		
580	04	CUTTING TO RICH-S RAFAEL - TOLL PLZ	T2	P	57	5		62				
3.4		(KNOX FWY) INCLUDES #0268Y REQ MITG		R								
6.2	HB32	HWY PLNTG (CTC 12/12/85) CAT-9	88TIP	C						620		
0209C	12184G		IR	T	57	5		62		620		
580	04	CUTTING BLVD - HOFFMAN BLVD TO	T1	P								
3.8		CANAL BLVD		R								
T 4.5	HA22	A.C. OVERLAY FOR RELINQUISHMENT	88TIP	C	370	34		404				
0267A	12210G		IR	T	370	34		404				
580	04	CUTTING TO GARROD (UNIT 4A)	T2	P	1016	94		1110				
3.8		(JOHN T. KNOX FWY) PORTION OF 267		R								
T 4.5	HE14	6 LANE FWY	88TIP	C	10153	943			11096			
0267B	1087X1		IR	T	11169	1037		1110	11096			
580	04	CANAL TO CASTRO ST	T1	P								
T 4.4	C/O	JOHN T KNOX FWY UNIT 5C POR OF #268		R	261	24		285				
T 5.1	HE14	6 LANE FREEWAY & STRUCTURES	88TIP	C	9882	918		10800				
0268C	118971		I	T	10143	942		11085				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
580	04	CANAL TO SCOFIELD AVE UC (UNIT 5)	T1	P								
T 4.7	C/O	POR TO 268Y,268C,D,E,F & 219I		R	1114	103		1217				
5.8	HE14	6 LANE FREEWAY & STRUCTURES	88TIP	C	17477	1623		19100				
0268	108761		I	T	18591	1726		20317				
580	04	CANAL BLVD TO 0.2 MI W/CANAL BLVD	T1	P								
T 4.7	C/O	JOHN T KNOX FWY UNIT 5F POR OF #268		R	511	47		558				
T 4.8	HE14	CONSTRUCT ON RAMP AND OFF RAMP	88TIP	C	248	23		271				
0268F	108781		I	T	759	70		829				
580	04	RICHMOND-SAN RAFAEL BRIDGE		P								
5.9	C/O			R								
7.7	HA21	LUMP SUM MINOR(ALL PROGRAMS)	88TIP	C		518		410	108	112	117	122
0212B	A21005		RSRB	T		518		410	108	112	117	122
580	04	RICHMOND SAN RAFAEL BRIDGE NORTH		P								
6.0		OF TOLL PLAZA		R								
6.3	HA12	REPLACE MAINTENANCE BUILDINGS	88TIP	C						338		
0213C	RSF090		RSRB	T						338		
580	04	RICHMOND-SAN RAFAEL BRIDGE		P								
6.3				R								
6.5	HA14	REMODEL ADMIN BUILDINGS	88TIP	C		331			331			
0219K	002960		RSRB	T		331			331			

ROUTE / PMS / PMA / PPNO	DIST / CO / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	2255	209		2464				
R .0		REPL PLNTG TO 272Y (POR TO #272D)	IGR	R								
R 12.6	HE13	WIDEN 6 LANES TO 8 LANES	88TIP	C	22545	2094			24639			
B0272C	11274G		IR	T	24800	2303		2464	24639			
680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	792	74		866				
R .0		POR OF 272C		R								
R 12.6	HE13	CONSTRUCT SOUNDWALLS	88TIP	C	7920	736			8656			
B0272D	CKY010		IR	T	8712	810		866	8656			
680	04	ALA CO LINE TO RUDGEAR RD	T1	P								
R .0				R								
R 12.6	HA25	REPL PLNTG PORTION OF #B0272C CAT-5	88TIP	C								298
0272Y	12286G		IR	T								298
* 680	04	IN SAN RAMON AT CROW CANYON RD I/C	T1	P								
R 3.5	C/O	(50% PVT) REPL PLNTG TO	IGR	R								
R 4.8	HE11	MODIFY RAMPS & SIGNALS #274Y	88TIP	C	1373	127		1500				
0274B	101291		IR	T	1373	127		1500				
	C/O			P								
				R								
				C			1500	1500				
			PVT	T			1500	1500				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
680	04	IN SAN RAMON AT CROW CYN RD I.C.	T1	P								
R 3.5	C/O	50% PVT		R								
R 4.8	HA25	REPL PLNTG POR OF 274B CAT-8/10	88TIP	C	92	8		100				
0274Y	10129Y		IR	T	92	8		100				
	C/O			P								
				R								
				C			100	100				
			PVT	T			100	100				
680	04	AT FOSTORIA WAY IN SAN RAMON	T1	P								
R 4.4				R								
R 4.5	HE11	CONSTRUCT OVERCROSSING	88TIP	C						16875		
0275B	QCL050		CITY	T						16875		
680	04	RUDGEAR ROAD TO MONUMENT BLVD	T2	P	65	10		75				
R 12.6				R								
R 17.7	HE14	CONSTRUCT BIKE PATH	88TIP	C	646	105			751			
0279A	115350		F	T	711	115		75	751			
* 680	04	RUDGEAR RD/ PLEASNT HILL IC (POR OF	T2	P	2524	235		2759				
12.6	C/O	283)INCLU RTE 24 7.8/9.1 TO PL.H.IC	IGR	R	956	89		1045				
14.4	HE14	FWY WDNING & MOD I/C	88TIP	C	25246	2345			27591			
0283B	121711		I	T	28726	2669		3804	27591			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
* 680	04	N/RUDGEAR RD TO NEWELL AVE	T1	P	1456	135		1591				
12.6	C/O	(POR OF #0283B)	IGR	R	915	85		1000				
13.7	HE14	WDN FWY N/B TO 8 LANES, SOUNDWALLS	88TIP	C	14559	1353		15912				
0283F	12174G		I	T	16930	1573		18503				
680	04	N OF RUDGEAR TO CC CANAL	T1	P	75	7		82				
R 12.6				R								
15.5	HA25	REPL PLNTG POR OF #283 CAT-4	88TIP	C							815	
0283Y	12173G		I	T	75	7		82			815	
680	04	N OF NEWELL AVE TO YGNACIO VALLEY	T2	P	6300	585		6885				
R 13.7	C/O	RD,POR TO 283B&C,REPL PLNTG TO 283Y		R	9885	918		5510	5293	4965		
14.8	HE14	RECON 24/680 I/C & MOD LOCAL I/C'S	88TIP	C						68850		
0283	121701		I	T	16185	1503		12395	5293	73815		
* 680	04	N OF YGNACIO VL RD UC TO TREAT BLVD	T2	P	2524	235		2759				
14.8	C/O	PORTION OF #283 STAGE 1	IGR	R	4511	419		3120	1810	28		
16.4	HE14	FWY WIDENING & MODIFY I/C	88TIP	C	25246	2345			27591			
0283C	121721		I	T	32281	2999		5879	29401	28		
680	04	S/O N. MAIN ST TO WILLOW PASS RD.	T1	P	102	9		111				
15.6				R								
19.0	HA25	REPL PLNTG POR OF 285C CAT-5	88TIP	C								1109
0285Y	12285G		IR	T	102	9		111				1109

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 680	04	FROM TREAT BOULEVARD TO BOYD ROAD	T2	P	1211	113		1324				
16.4		REPL PLNTG TO 285Y, POR TO #285E,F	IGR	R	46	4		50				
17.6	HE13	WIDEN N/B FREEWAY & MODIFY I/C	88TIP	C	12118	1126			13244			
0285C	377181		IR	T	13375	1243		1374	13244			
* 680	04	TREAT BOULEVARD TO BOYD ROAD	T2	P	1575	146		1721				
16.4	C/O	SPLIT FROM 285C	IGR	R	8873	824		6230	3467	2608		
17.6	HE13	WIDEN S/B FREEWAY AND MODIFY I/C'S	88TIP	C						17213		
0285E	377191		IR	T	10448	970		7951	3467	19821		
* 680	04	PLEASANT HILL BART STATION	T1	P	839	78		917				
16.4		LOC=BART ST MAX=92%	IGR	R								
16.7	HB6	FRINGE PARKING FACILITIES	88TIP	C	8394	780		9174				
0292	377140		IR	T	9233	858		10091				
				P								
				R								
				C			798	798				
			LOC	T			798	798				
* 680	04	BOYD RD TO WILLOW PASS RD	T2	P	2403	223		2626				
R 17.4	C/O	SPLIT FROM 285C	IGR	R	15047	1398		6569	9876	8014	319	
R 19.0	HE13	WIDEN FWY AND MODIFY IC'S/SOUNDWALL	88TIP	C							26255	
0285F	377211		IR	T	17450	1621		9195	9876	8014	26574	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
* 680	04	WILLOW PASS RD TO MARINA VISTA	T1	P	1459	135		1594				
R 19.0		REPL PLTNG TO 295Y (INCL #0297)	IGR	R								
24.3	HE13	WDN 4 TO 6 LNS, RDWY RECON,EDG DRNS	88TIP	C	14584	1355		15939				
0295B	126010		IR	T	16043	1490		17533				
680	04	WILLOW PASS RD TO MARINA VISTA	T1	P								
R 19.0				R								
24.3	HA25	REPL PLNTG POR OF #295B CAT-5	88TIP	C							287	
0295Y	12604G		IR	T							287	
680	04	WILLOW PASS RD TO N OF CONCORD AVE	T2	P								
19.1		(50% CONCORD)REPL PLNTG TO 296Y		R			773	350	423			
20.1	HE11	RECONSTRUCT I/C & ADD AUX LANE	88TIP	C			1764		1764			
0295C	126000		CITY	T			2537	350	2187			
				P	161	15		176				
				R	707	66		350	423			
				C	1614	150			1764			
			IR	T	2482	231		526	2187			
680	04	WILLOW PASS RD TO N OF CONCORD AVE	T1	P								
19.1		50% CONCORD		R								
20.1	HA25	REPL PLNTG POR OF 295C CAT-5/10	88TIP	C							161	
0296Y	12603G		CITY	T							161	
				P								
				R								
				C							161	
			IR	T							161	

* Requires MTC Project Review/grant application approval, as discussed in Section VI,IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
680	04	ROUTE 680/4 INTERCHANGE (R/W ONLY)	T2	P								
20.4		(2B)		R	1565	145			1710	3074	3159	
22.0	HE14	UPGRADE FWY TO FWY CONNECTORS	88TIP	C								
0298B	112830		IR	T	1565	145			1710	3074	3159	
680	04	MOCOCO OH TO BENICIA BR TOLL PLAZA		P								
24.0	C/O	INCL SOL 680 L0.0/0.6, INCL #0304C		R								
25.5	HE208	WIDEN BR, OH & S APPR, TRAV CATWALK	88TIP	C		31330		31330				
0302A	002580		BENM	T		31330		31330				
680	04	BR & APPROACHES SOL-680 L0.0/0.7		P								
24.0		CONST PARALLEL BR,MOD PLAZA/680-780		R								36467
25.4	HE208	I.C. NEEDS LEGIS BONDING AUTHORITY	88TIP	C								229648
0307A	006010		BENM	T								266115
680	04	BENICIA-MARTINEZ BRIDGE		P								
24.1		INCLUDES SOL 680 0.6/0.7		R								
25.4	HA22	REPLACE CALL BOXES	88TIP	C						464		
0301A	001570		BENM	T						464		
680	04	BENICIA-MARTINEZ BRIDGE		P								
24.5		SOL 680 L0.0/0.7		R								
25.4	HB4	INSTALL ROADWAY LIGHTING	88TIP	C						1161		
0301B	002740		BENM	T						1161		

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $ ($1,000)	89/90 $	90/91 $	91/92 $	92/93 $
L5738	04	IN MARTINEZ AT 990 HOWE ROAD-TOTAL	T1	P								
.0	C/O	COST BY LOC IN EXCHGE FOR EXIST STA		R								
.0	HA12	RELOCATE WALNUT CREEK W MAINT STAT	88TIP	C			723	723				
0285B	115920		PVT	T			723	723				
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0401DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
1	04	AT VARIOUS LOCATIONS	T1	P								
.0				R								
50.5	HB1	INSTALL GUARD RAILS	88TIP	C	298	33			331			
0309B	LJM070		HES	T	298	33			331			
1	04	IN MARIN & SONOMA CO'S	T1	P								
13.8	C/O	SON-1-2.1/54.6 AT VARIOUS LOC		R								
48.3	HA22	REHABILITATE CULVERTS	88TIP	C	194	31		225				
A0311	120390		F	T	194	31		225				
1	04	OLEMA CREEK BRIDGES (#27-20,#27-21)	T1	P	99	25		124				
22.8				R								
23.0	HA21	REPLACE BRIDGES	88TIP	C								1241
0314	DWA027		BR	T	99	25		124				1241
1	04	B ST TO 1.7 MI N/O TOMASINI CANYON	T1	P	100	16		116				
28.6		RD		R								
31.5	HA22	ROADWAY RECONSTRUCTION	88TIP	C	996	162		1158				
0320	116230		F	T	1096	178		1274				
1	04	TOMALES-PETALUMA RD TO TWO ROCK RD	T1	P	162	26		188				
45.3				R	8	1			9	30		
47.8	HA22	ROADWAY RECONSTRUCTION	88TIP	C						1878		
0323	116240		F	T	170	27		188	9	1908		

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ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s (1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	WALDO INTERCHANGE	T2	P								
3.2		100% LOCAL MARIN CO		R								
3.5	HE11	MODIFY RAMPS	88TIP	C						3375		
0337C	MRN501		CO	T						3375		
101	04	AT RICARDO RD-STRAWBERRY POINT IC	T1	P								
4.7	C/O	(R-450 IN PRIOR YR) TEC-1093		R								
4.8	HE11	MODIFY OFF/ON RAMPS AND SIGNALS	88TIP	C			643	643				
0338B	119550		PVT	T			643	643				
101	04	SIR FRANCIS DRAKE BLVD TO BELLAM	T2	P	544	89		633				
8.6		BLVD	9	R								
9.8	HB4N	NORTHBOUND AUXILIARY LANE	88TIP	C								6328
0337A	101940		F	T	544	89		633				6328
101	04	ON THE CALIFORNIA PARK OH	T1	P	79	4		83				
9.6		BR NO 27-7 L&R		R								
9.7	HA21	BRIDGE RAIL UPGRADE	88TIP	C	786	41			827			
0344B	DWA016		FF	T	865	45		83	827			
101	04	IN SAN RAFAEL AT HARBOR ST DRAIN	T1	P	80	4		84				
10.3				R								
10.4	HA21	REPLACE BRIDGE	88TIP	C	802	42			844			
0342D	DES010		FF	T	882	46		84	844			

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

	ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
	101	04	MISSION TO N SAN PEDRO	T2	P								
	11.0		PARTIAL FUNDING ONLY	12	R							5500	
	12.7	HB5	NB & SB HOV & SB AUX. LANE	88TIP	C								
	0342G	115750	** ADD CONST PHASE **	F	T							5500	
*	101	04	MERRYDALE OC-MAY INCLUDE #349A	T1	P	143	7		150				
	13.5		STA MAX-1500	IGR	R								
	13.8	HE11	HWY PLNTG TO #348Y	88TIP	C	1425	75		1500				
	0348B	115740		FF	T	1568	82		1650				
					P								
					R								
					C			2545	2545				
				PVT	T			2545	2545				
	101	04	AT MERRYDALE ROAD	T1	P								
	13.5				R								
	13.6	HB32	HWY PLNTG POR OF 348B CAT-5/10	88TIP	C			243		243			
	0348Y	11574Y		PVT	T			243		243			
*	101	04	AT MANUEL FREITAS INTERCHANGE	T1	P								
	13.7	C/O	MAY BE COMBINED WITH #348B	IGR	R								
	13.8	HE11	CONSTRUCT NEW NB ON-RAMP	88TIP	C	378	20		398				
	0349A	113560		FF	T	378	20		398				

* Requires MTC Project Review/grant application approval as discussed in Section VI-IGR-

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	LUCAS VALLEY I/C	T1	P								
14.6				R						1070		
14.8	HE11	CONST S/B OFF-RAMP RELO S/B ON-RAMP	88TIP	C						2639		
035CB	PWC010		CO	T						3709		
* 101	04	MILLER CRK I/C TO ROUTE 37	T1	P	618	32		650				
15.5			IGR	R								
19.0	HB5	CONSTRUCT S/B AND N/B HOV LANE	88TIP	C	6172	325		6497				
0352A	101950		FF	T	6790	357		7147				
101	04	AT ROWLAND BLVD INTERCHANGE	T1	P								
R 19.4				R								
R 20.4	HE11	MODIFY INTERCHANGE	88TIP	C						3956		
0357	105041		PVT	T						3956		
101	04	AT ROWLAND BLVD	T2	P	131	21		152				
R 20.1			S	R								
R 20.2	HB6	PARK AND RIDE LOT	88TIP	C	1303	212			1515			
0357D	126280		F	T	1434	233		152	1515			
101	04	0.6 MI S OF AIRPORT RD TO KASTANIA	T1	P								
23.2	C/O	RD SON-101 0.0/2.0		R								
27.6	HB1	CONSTRUCT MEDIAN BARRIER	88TIP	C	1338	70		1408				
A0357B	115790		FF	T	1338	70		1408				

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT / DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
131	04	BEACH ROAD TO MAR WEST	T1	P	51			51				
4.0				R								
4.2	HB4N	ROADWAY RECONSTRUCTION	88TIP	C	510			510				
0364B	12159G		FAU	T	561			561				
580	04	RICHMOND-SAN RAFAEL BRIDGE	T1	P								
2.2	C/O			R								
2.5	HB1	MEDIAN BARRIER-CONCRETE TRESTLE	88TIP	C		250		250				
0327A	002761		RSRB	T		250		250				
580	04	AT SAN QUENTIN UC (27-70)	T1	P	59	6		65				
2.6				R								
2.7	HA21	STRENGTHEN BRIDGE	88TIP	C						650		
0328	DWA007		IR	T	59	6		65		650		
580	04	SR FRANCIS DRAKE BL TO BELLAM AV IC	T1	P								
3.3				R								
4.5	HB1	INSTALL MEDIAN BARRIER	88TIP	C						343		
0328B	LJM200		IR	T						343		

* Requires MTC Project Review/grant application approval, as discussed in Section VI.IGR.

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0402DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF NAPA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 12	04	JCT SR 29 TO SOLANO COUNTY LINE.	T2	P	221	36		257				
.0		INCLUDES #367	IGR	R	224	37		208	53			
3.3	HB4C	PASSING & CLIMB LANES, RDWY RECONST	88TIP	C	2212	360			2572			
0367A	112800		F	T	2657	433		465	2625			
29	04	0.3 MILE SOUTH OF AMERICAN CANYON	T1	P								
.3		ROAD AT WALSH CREEK		R								
.4	HA4	UPGRADE DRAINAGE FACILITY	88TIP	C	384	62		446				
0372A	112580		F	T	384	62		446				
29	04	AT TRANCAS ST/REDWOOD ROAD	T2	P								
12.5		R/W ONLY	15	R	1840	300			2140	1825		
13.5	HE14	CONSTRUCT TRANCAS ST I/C	88TIP	C								
0377A	120610	** ADD "C" PHASE **	F	T	1840	300			2140	1825		
* 29	04	YOUNTVILLE RD TO YORK CREEK IN ST	T1	P	447	73		520				
22.2		HELENA INCLUDES #378A	IGR	R	172	28		200				
28.4	HB4N	WIDEN SHLDRS-CHANNELIZE-AC OVERLAY	88TIP	C	4470	728		5198				
0379	111330		F	T	5089	829		5918				
29	04	BRANNAN ST TO TUBBS LANE	T1	P								
37.5				R								
39.5	HB1	LT TURN CHANNELIZATION AND WIDENING	88TIP	C	1192	132			1324			
0379B	LJM100		HES	T	1192	132			1324			

* Previous MTC Project Review/grant application approval, as discussed in Section VI IGR

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF NAPA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIEP PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
80	10	IN NAPA & SOL COUNTIES, 0.6 MI W TO	T1	P								
7.5	C/O	0.2 MI E/O AMERICAN CANYON RD. OC		R								
8.0	HA22	STRUCTURAL SECTION REPAIR - WB	88TIP	C	339	32		371				
A1001	353100		IR	T	339	32		371				
121	04	SOSCOL AVE TO TRANCAS ST	T1	P	123	20		143				
6.6		INCL #0380D		R								
9.4	HE12	WIDEN TO 40' & RDWY RECON	88TIP	C	1226	199		1425				
0380G	12193G		F	T	1349	219		1568				
128	04	SONOMA CO LINE TO JCT RTE 29 IN	T1	P	187	30		217				
.0		CALISTOGA		R	52	8		60				
4.6	HA22	A.C. OVERLAY	88TIP	C	1862	303			2165			
0384B	115640		F	T	2101	341		277	2165			

III-46

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF NAPA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0403DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
1	04	LINCOLN WAY TO JOHN F KENNEDY DR	T1	P								
4.0	C/O			R								
4.5	HA22	ROADWAY RECONSTRUCTION	88TIP	C	388			388				
0568A	11582G		FAU	T	388			388				
				P								
	C/O			R								
				C		61		61				
			STAM	T		61		61				
1	04	LAKE ST TO DOYLE DRIVE	T1	P								
5.9				R								
7.0	HA22	ROADWAY REHAB-UPGRADE BRIDGE RAIL	88TIP	C	391				391			
0569B	124620		FAU	T	391				391			
				P	60	10		70				
				R								
				C	599	98			697			
			FAU8	T	659	108		70	697			
				P								
				R								
				C		62			62			
			STAM	T		62			62			
1	04	DOYLE DR & PARK PRESIDIO APPROACHES	T1	P								
6.5		TO GOLDEN GATE BR (SF480-4.1/5.5)		R								
7.1	HA22	MOD HWY LIGHTG SYS TC-500 GGB-250	88TIP	C	228	37		265				
0568B	119220		F	T	228	37		265				

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
35	04	SAN MATEO CO LINE TO SLOAT BLVD	T1	P	83	14		97				
.0				R								
2.0	HA22	AC OVERLAY	88TIP	C	838	136			974			
0569C	CQJ118		F	T	921	150		97	974			
80	04	5TH ST TO THE SF VIADUCT ANCHORAGE		P								
4.9				R								
7.6	HA22	RESURFACING	88TIP	C		546			546			
0573A	TB1000		SFOB	T		546			546			
80	04	BAY BRIDGE HUB (PORTION OF DRY001)	T2	P	123	11		134				
5.1				R								
8.9	HB4N	INSTALL REGIONAL HUB	88TIP	C								1339
0236R	DRY701		IR	T	123	11		134				1339
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE		P								
5.2		(EAST BAY PAINT)		R								
5.3	HA12	CONSTRUCT ABRASIVE BLAST BUILDING	88TIP	C						563		
0070D	SFOB95		SFOB	T						563		
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE		P								
5.5		INCLUDES ALA 0.0/1.1		R								
8.8	HA4	REINFORCE PIERS TO MEET SEISMIC REQ	88TIP	C		4774		4774				
0580E	001730		SFOB	T		4774		4774				

* Requires MTC Project Review/grant application approval, as discussed in Section VI,IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
80	04	LOWER DECK TRAFFIC MANAGEMENT	P								
5.7		SYSTEM	R								
8.8	HB4		88TIP	C					3375		
0582	030810		SFOB	T					3375		
80	04	SAN FRANCISCO BAY BRIDGES ACCOUNT	P								
5.8	C/O	PER RESOLUTION #G-85-7	R								
8.8	HA21	LUMP SUM MINOR (ALL PROGRAMS)	88TIP	C		1979	1438	541	562	585	608
0920	A21004		SFOB	T		1979	1438	541	562	585	608
80	04	AT THE TRANSBAY TRANSIT TERMINAL	P								
5.9			R								
6.0	HA14	REPL ELECT SYS & IMPROVE LIGHTING	88TIP	C		753	753				
0580	001490		SFOB	T		753	753				
80	04	AT THE TRANSBAY TRANSIT TERMINAL	P								
5.9	C/O		R								
6.0	HA14	REPAIR PLUMBING & HEATING SYSTEMS	88TIP	C		402	402				
0580A	001510		SFOB	T		402	402				
80	04	SAN FRANCISCO-OAKLAND BAY BRIDGE	P								
6.1			R								
7.4	HA21	REPR PIER FENDRS W3 THRU W6&REPLW2	88TIP	C		1768	1768				
0582F	002980		SFOB	T		1768	1768				

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
80	04	SFOBB/SF BAY AREA TC=$60M		P								
8.2		TRAFFIC OPERATIONS SYSTEM (SFOBB		R								
8.3	HB4	APPROACHES)	88TIP	C		6061		6061				
0583C	150020		SFOB	T		6061		6061				
101	04	BLANKEN RD TO BAYSHORE BLVD	T2	P								
.2				R								
.4	HB311	CONSTRUCT SOUNDWALL (LEFT SIDE)	88TIP	C								304
0588A	CMA140		F	T								304
101	04	BAYSHORE BLVD TO ROUTE 280	T2	P	51	8		59				
.9				R								
1.7	HB311	HIGHWAY SOUNDWALL	88TIP	C						593		
0587	100060		F	T	51	8		59		593		
101	04	25TH ST TO 21ST ST	T2	P	54	9		63				
3.2				R								
3.6	HB311	CONSTRUCT SOUNDWALLS (BOTH SIDES)	88TIP	C							626	
0500	CMA100		F	T	54	9		63			626	
101	04	SF BAYSHORE VIADUCT (BR NO 34-88)	T1	P	108	27		135				
4.1		SF-80 3.8/5.1		R								
4.4	HA21	STRENGTHEN BRIDGE	88TIP	C						1353		
0598	100761		BR	T	108	27		135		1353		

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
280	04	LICK WILMERDING HIGH,755 OCEAN AVE	T2	P								
R 1.7				R								
R 1.8	HB312	SCHOOL NOISE ATTENUATION	88TIP	C	373	35			408			
0605	117251		IR	T	373	35			408			
280	04	ON ROUTE 280, BRIDGE # 34-81	T1	P								
R 2.6				R								
R 2.7	HA4	SEISMIC RETROFIT	88TIP	C	342	32		374				
A0606B	126121		IR	T	342	32		374				
280	04	PHILIP BURTON ACA SCH	T2	P	83	8		91				
R 4.7				R								
R 4.8	HB312	SCHOOL NOISE ATTENUATION	88TIP	C	834	78			912			
0610	106831		IR	T	917	86		91	912			
* 280	04	I/C NR ISLAIS CK NB OFF/SB ON IF	T2	P								
R 5.4		COMMIT TO USS MO-SF CONTRIB AT 16%	IGR	R						211	640	
R 5.5	HE11	CONST I/C	88TIP	C								1180
0610A	395750		CITY	T						211	640	1180
				P	567	53		620				
				R						1104	3363	11
				C								6196
			IR	T	567	53		620		1104	3363	6207

* Requires MTC Project Review/grant application approval, as discussed in Section VI,IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
280	04	CHINA BASIN TO 3RD ST CO-6.1(R=1.4)	T2	P								
R 6.6		(LOC=INTERSTATE TRANSFER 18.0M)		R								1367
T 7.5	HE14	REMOVE EXIST RAMPS-NEW TOUCHDOWN	88TIP	C								4717
0611A	280010		CO	T								6084
				P								
				R								
				C								17999
			LOC	T								17999
				P								
				R								
				C								3227
			STA	T								3227
280	04	TO COUNT AGAINST 1989 BID POT	T2	P								
T 7.0		SHA MATCH FOR EMBARCADERO (MON-SH)		R								
R 9.2	HE13	VARIOUS IMPROVEMENTS	88TIP	C								58000
0612A	EMB280		LOC	T								58000
				P								
				R								
				C								9490
			STAM	T								9490
480	04	TERMINAL SEP (#34-54)	T1	P								
.0				R								
.1	HA21	DECK JOINT SEALS	88TIP	C						478		
0616A	100751		IR	T						478		

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
480	04	WASHINGTON IRVING SCHOOL	T1	P								
1.3	C/O			R								
1.4	HB312	SCHOOL NOISE ATTEN AIR COND	88TIP	C	307	50		357				
0616	949104		FAU8	T	307	50		357				
480	04	PRESIDIO VIADUCT (#34-19) AND	T1	P								
4.5		MARINA VAIDUCT (#34-14)		R								
5.3	HA21	SUPERSTRUCTURE(MARINA) & DECK REHAB	88TIP	C		4966			4966			
0618A	123650		STA	T		4966			4966			
L5506	04	IN SAN FRANCISCO AT THE SF-OAKLAND		P								
.0		BAY BR		R								
.0	HB4	TRAFFIC OPERATIONS CENTER	88TIP	C		2102			2102			
0583D	150010		SFOB	T		2102			2102			
L5506	04	DISTRICT 04 150 OAK ST	T1	P								
.0	C/O			R								
.0	HA13	FIRE MARSHAL CORRECTION	88TIP	C		489		489				
0599A	109151		STA	T		489		489				
L5506	04	NEW DISTRICT 04 OFFICE BUILDING	T1	P								
.0		FUNDING PER CTC RESO #G-88-15		R								
.0	HA13	REPLACE &/OR EXPAND FACILITY	88TIP	C		1		1				
0599E	KL0001		STA	T		1		1				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $ ($1,000)	89/90 $	90/91 $	91/92 $	92/93 $
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0404DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMS / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
1	04	BEAM HOLLOW RD TO SAN GREGORIO CR.	T1	P	108	17		125				
10.6				R								
16.5	HA22	ROADWAY RECONSTRUCTION	88TIP	C						1245		
0622	HYY063		F	T	108	17		125		1245		
1	04	PESCADERO CREEK (BR #35-28)	T1	P								
13.7	C/O			R								
14.3	HA21	REPLACE BRIDGE	88TIP	C	2072	518		2590				
0623	207791		BR	T	2072	518		2590				
1	04	AT VARIOUS LOCATIONS (SM-SCR)	T1	P								
17.7	C/O	REPLACES 623C		R								
38.7	HA22	CULVERT REHAB	88TIP	C	307	50		357				
A0623C	116920		F	T	307	50		357				
1	04	0.4 MI N/O MIRAMONTES POINT ROAD TO	T1	P	322	52		374				
26.8		VALLEMAR-ETHELDORE ST.		R								
35.4	HA22	ROADWAY RECONSTRUCTION	88TIP	C						3735		
0623A	121900		FR	T	322	52		374		3735		
1	04	IN & NEAR HALF MOON BAY AT	T1	P								
33.0	C/O	DENNISTON CR @ CAPISTRANO		R								
33.6	HA22	REPLACE CULVERT	88TIP	C	263	43		306				
0625A	114730		F	T	263	43		306				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
1	04	HALF MOON BAY AIR PORT TO LINDA MAR	T1	P								
34.0	C/O	BLVD ER FUNDED-DO NOT DELAY		R								
41.0	HA25	REVEGETATION POR OF #626 CAT-3	88TIP	C	1000			1000				
0626Y	11237Y		ER	T	1000			1000				
1	04	0.1 MI N OF 2ND AVE TO LINDA MAR	T1	P								
36.6	C/O	BLVD REVEG TO 626Y		R	1760			1760				
41.0	HE14	UPGRADE EXISTG OR CONSTRUCT BYPASS	88TIP	C	50129			50129				
0626	112371		ER	T	51889			51889				
1	04	N/MONTARA TO S/SAN PEDRO AVE	T1	P	49	8		57				
38.8				R								
40.7	HA22	AC OVERLAY	88TIP	C	493	80		573				
0628A	10856G		F	T	542	88		630				
1	04	NEAR CRESPI DRIVE	T1	P								
41.6				R								
41.8	HA4	SLOPE REPAIR-RETAINING WALL	88TIP	C	349	57		406				
0631C	RYU620		F	T	349	57		406				
1	04	FROM FASSLER AVE TO WEST PORT	T1	P								
42.0		DRIVE		R						1509		
R 43.2	HB1	WIDEN, MEDIAN BARRIER & AC OVERLAY	88TIP	C						2122		
0632A	112261		HES	T						3631		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
35	04	IN SAN MATEO COUNTY ON RTE 35 AND	T1	P								
1.7		RTE 84 (0.0/21.0) AT VAR LOCATIONS		R								
22.9	HA22	REHABILITATE CULVERTS	88TIP	C						413		
0388	12135G		RS	T						413		
82	04	42ND AVE-LAURIE MEADOWS	T1	P								
8.6	C/O	50% PUC 50% SM		R								
8.7	HE14	RR GRADE SEP/CONN TO RTE 82	88TIP	C			1709	1709				
0641B	116140		CITY	T			1709	1709				
	C/O			P								
				R								
				C		1709		1709				
			MSTA	T		1709		1709				
82	04	AT SAN BRUNO AVE	T1	P								
18.6		(87 TIP)		R	76				76			
16.7	HB4N	MODIFY SIGNALS & ADD TURN LANES	88TIP	C	281				281			
0648B	GM0080		FAU	T	357				357			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT	FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
82	04	AT SAN BRUNO AVE	T1	P								
18.6		(87 TIP)		R			13		13			
18.7	HB4N	MODIFY SIGNALS & ADD TURN LANES	88TIP	C			45		45			
0648B	GMC080		LOCM	T			58		58			
82	04	AT SNEATH LANE	T1	P								
19.2		(87 TIP)		R	169				169			
.0	HB4N	MODIFY SIGNALS AND ADD TURN LANES	88TIP	C	263				263			
0648C	GMC090		FAU	T	432				432			
				P								
				R			28		28			
				C			43		43			
			LOCM	T			71		71			
82	04	ARROYO DRIVE TO 1/10 N OF HICKEY BL	T1	P	56	9		65				
20.8				R								
22.0	HA22	AC OVERLAY	88TIP	C	558	91			649			
0649C	CQJ119		F	T	614	100		65	649			
82	04	INTER MISSION ST AND SAN JOSE AVE	T1	P								
25.0				R								
25.1	HB4N	SIGNAL MODIFICATION	88TIP	C	290			290				
0650A	112640		FAU	T	290			290				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
84	04	AT WEST UNION CREEK BRIDGE #35-44	T1	P							
19.9				R							
20.0	HA21	REPLACE BRIDGE	88TIP	C							319
0655A	HA2100		BR	T							319
84	04	IN MENLO PARK ON WILLOW RD FR 0.1		P							
R 26.7	C/O	MI N/RTE 101 TO 0.1 MI S/ RTE 84		R							
27.7	HE206	HIGHWAY PLANTING	88TIP	C		297	297				
0656D	033251		DUMB	T		297	297				
84	04	WEST CONN AND APPR TO THE NEW DUM-		P							
R 27.5		BARTON BR		R							
R 29.2	HE206	WIDEN EXPRESSWAY FROM 2 TO 4 LANES,	88TIP	C							3042
0669F	HPH005		DUMB	T							3042
84	04	DUMBARTON BRIDGE ALA 84 0.0/2.0		P							
R 28.4				R							
R 30.0	HA21	SCAFFOLDING-ACCESS TO PAINT GIRDERS	88TIP	C		2080	2080				
0670C	DB0010		DUMB	T		2080	2080				
84	04	ON DUMBARTON BRIDGE		P							
R 29.3		(ALA R0.21/R0.58)		R							
R 29.8	HA21	INSTL CORROSION SYSTM APPR SPANS	88TIP	C		955	955				
0666A	033310		DUMB	T		955	955				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 92	04	RTE 1 TO RTE 35 (PORTIONS)	T2	P	542	88		630				
.0		VAR LOC 84 STIP SCOPE	IGR	R						172	699	
T 5.2	HB4C	SLOW VEHICLES LN/SAFETY IMPROVEMENT	88TIP	C							6300	
0669	103580		F	T	542	88		630		172	6999	
* 92	04	RTE 1 TO RTE 280 (PORTIONS)	T2	P	312	51		363				
.0		RES FOR #669, #669B UPSCOPE (G-85-4	IGR	R								
R 7.3	HB4C	MODIFIED BY STIP AMEND 87-12	88TIP	C							3627	
0669A	RESRVE		F	T	312	51		363			3627	
92	04	ROUTE 35 TO RTE 280	T2	P	415	68		483				
5.2		84 STIP SCOPE		R								
R 7.3	HB4C	SLOW VEHICLES LN/SAFETY IMPROVEMENT	88TIP	C							4829	
0669B	11643G		F	T	415	68		483			4829	
92	04	W/ALAMEDA DE LAS PULGAS TO SOUTH	T1	P								
R 9.8		DELAWARE ST UC		R								
R 11.6	HA25	IRRIGATION UPGRADE CAT 7	88TIP	C							441	
0675	100230		F	T							441	
92	04	SAN MATEO-HAYWARD BR & APPROACHES		P								
T 12.1		ALA 92-R0.0/6.4		R								
R 18.8	HE205	WDN TRESTLE &E &W APPROACH TO 6 LNS	88TIP	C							87118	
0088C	003050		SMHB	T							87118	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
92	04	VINTAGE PARK BLVD IN FOSTER CITY	T1	P								
R 13.2				R			69	69				
R 13.3	HE11	CONSTRUCT OVERCROSSING	88TIP	C			6711	6711				
0679A	115950		PVT	T			6780	6780				
92	04	W OF FOSTER CITY BLVD TO FOSTER	T1	P	60	10		70				
R 13.4		CITY LAGOON OUTLET		R								
R 13.6	HA22	LEVEE RESTORATION FOR RELINQ.	88TIP	C	605	98			703			
0679C	FCT010		F	T	665	108		70	703			
92	04	FOSTER CITY BLVD INTERCHANGE	T1	P								
R 13.6				R								
R 13.7	HE11	WIDEN OVERCROSSING	88TIP	C			2005	2005				
0679B	115960		PVT	T			2005	2005				
92	04	IN FOSTER CITY AT EAST 3RD AVE	T1	P								
R 13.9		100% FOSTER CITY		R								
R 14.4	HE11	NEW INTERCHANGE	88TIP	C						3574		
0681B	10566G		CITY	T						3574		
92	04	SAN MATEO-HAYWARD BRIDGE		P								
R 14.4		ALA-92-R0.0/R2.4		R								
R 18.8	HA21	TIMBER FENDER RENOV	88TIP	C		569			569			
0682G	002780		SMHB	T		569			569			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
92	04	SM-HAY BR ALA-92-R0.0/R2.4		P								
R 14.4		REVISE SUB STA SUPERVISORY CONTROL		R								
R 18.8	HA21	SYSTEM & MOTORIST AID CALL BOX	88TIP	C						766		
0682J	003060		SMHB	T						766		
101	04	FROM SANTA CLARA COUNTY LINE TO	T1	P								
.0	C/O	HENDERSON UP CAT-7		R								
3.0	HA25	IRRIG UPGRADE (AUTO MAN SYS)	88TIP	C	260	42		302				
0684	108101		F	T	260	42		302				
* 101	04	SCL CO LINE TO WHIPPLE AVE	T1	P								
.0	C/O	STIP AMEND 87-12 TO BE CONSTR W/685	IGR	R								
6.6	HE13	WIDEN TO 8 LANES, UPGRADE MED BARR	88TIP	C	8600	1400		10000				
0684A	117820		F	T	8600	1400		10000				
101	04	SCL CO LINE TO WHIPPLE AVE	T1	P								
.0	C/O	TO BE CONSTRUCTED WITH #684A		R								
6.6	HB1	UPGRADE EXISTING MEDIAN BARRIER	88TIP	C	1022	113		1135				
0685	100520		HES	T	1022	113		1135				
101	04	UNIVERSITY AVE TO WILLOW RD	T2	P								
1.3				R								
1.8	HB311	HIGHWAY SOUNDWALLS	88TIP	C						399		
0690	JCB280		F	T						399		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $k	89/90 $k	90/91 $k	91/92 $k	92/93 $k
					($1,000)							
101	04	WILLOW RD TO MARSH RD	T2	P	115	19		134				
2.0				R								
3.1	HB311	HIGHWAY SOUNDWALLS	88TIP	C							1337	
0691	JCB440		F	T	115	19		134			1337	
101	04	MAPLE STREET IN REDWOOD CITY	T1	P	111			111				
5.7				R								
6.2	HE14	ADDED RAMPS AND WIDEN BRIDGE	88TIP	C						1106		
0693A	12196G		FAU	T	111			111		1106		
				P								
				R								
				C						180		
			LOCM	T						180		
* 101	04	IN SAN CARLOS - BRITTAN AVE	T1	P	83			83				
7.4			1GR	R								
7.8	HE11	NEW FREEWAY CONNECTION	88T1P	C						827		
0696A	113580		FAU	T	83			83		827		
				P								
				R								
				C						138		
			LOCM	T						138		
101	04	AT THE HOLLY ST INTERCHANGE	T1	P								
8.1	C/O	INCLUDES MINOR DRAINAGE/ETC WORK		R								
8.9	HB32	HIGHWAY PLANTING CAT-1	88TIP	C	375	61		436				
0696	417430		F	T	375	61		436				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 101	04	RALSTON AVE INTERCHANGE IN BELMONT	T1	P								
9.6			IGR	R								
9.7	HE11	WIDEN OVERCROSSING AND MODIFY I/C	88TIP	C			3328	3328				
0696D	115970		PVT	T			3328	3328				
101	04	BETWEEN LAUREL CREEK AND EAST	T2	P	59	10		69				
10.3		HILLSDALE BLVD		R								
11.0	HB311	HIGHWAY SOUNDWALLS	88TIP	C							689	
0696C	JCB330		F	T	59	10		69			689	
101	04	ROUTE 92 TO EAST 3RD AVE	T2	P	65	11		76				
12.5				R								
13.4	HB311	HIGHWAY SOUNDWALLS	88TIP	C						764		
0697A	JCB290		F	T	65	11		76		764		
101	04	HADDON DR TO FOLKSTONE ST	T2	P								
12.5				R								
12.7	HB311	CONSTRUCT SOUNDWALL (LEFT SIDE)	88TIP	C								375
0697E	CMA130		F	T								375
101	04	SAN MATEO CR TO .1 M N/PENINSULA AV	T1	P	66	11		77				
13.4		GRINDING, SLAB REPLMT, SHLDRS (NBD)		R								
14.8	HA22	GRINDG,SLAB REPLMT,SHLDRS(N BOUND)	88TIP	C	665	108			773			
0698C	CQJ110		F	T	731	119		77	773			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
* 101	04	AT THIRD AVENUE	T1	P	181			181				
13.4			IGR	R								
13.6	HE11	WIDEN OVERCROSSING	88TIP	C	1809				1809			
0698D	100700		FAU	T	1990			181	1809			
				P								
				R								
				C			294		294			
			LOCM	T			294		294			
101	04	BETW EAST POPLAR AVE AND PENINSULA	T2	P								
14.4		AVE		R								
14.5	HB311	HIGHWAY SOUNDWALLS	88TIP	C						304		
0705A	115130		F	T						304		
101	04	PENINSULA AVE/AIRPORT BLVD/COYOTE	T1	P								
14.7		(87 TIP)		R								
14.8	HE11	REVISE RAMP	88TIP	C	402			402				
0699B	PAT670		FAU	T	402			402				
				P								
				R								
				C			306	306				
			LOCM	T			306	306				
101	04	PENINSULA AVE TO BROADWAY	T2	P								
15.1				R								
15.6	HB311	HIGHWAY SOUNDWALLS	88TIP	C						430		
0705	JCB200		F	T						430		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	BROADWAY TO SSF OH	T1	P	185	30		215				
16.5		(PORTIONS)		R								
22.0	HA22	ROADWAY RECONSTRUCTION	88TIP	C						2147		
0701	108420		F	T	185	30		215		2147		
101	04	BROADWAY INTERCHANGE	T1	P	93			93				
16.8		FAU WITH LOCAL MATCH		R								
17.2	HE11	RELOCATE NB ON-RAMP	88TIP	C						926		
0701A	JL0020		FAU	T	93			93		926		
				P								
				R								
				C						176		
			LOCM	T						176		
101	04	AT OYSTER POINT INTERCHANGE	T1	P								
22.6		100% BY SSF INCLUDES EAS501		R								
22.8	HE11	MODIFY I/C/CONSTRUCT RR GRADE SEP	88TIP	C								25135
0709A	113900		CITY	T								25135
101	04	BUTLER RD O.C. TO SIERRA PT O.H.	T1	P								
22.7	C/O			R								
23.5	HA4	IMPROVE DRAINAGE SYSTEM	88TIP	C			1824	1824				
0711A	117850		CO	T			1824	1824				
				P								
	C/O			R	142	23		165				
				C	707	115		822				
			F	T	849	138		987				

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	0.3 MI S OF SIERRA POINT	T1	P								
22.8				R								
23.1	HA4	REHAB WEIGH STATION	88TIP	C						332		
0453B	RYU010		FAU8	T						332		
101	04	0.4 MI NORTH OF OYSTER POINT BLVD	T1	P								
23.1		AT OLD BAYSHORE HWY		R								
23.3	HE11	CONSTRUCT ON AND OFF RAMPS	88TIP	C						1266		
0703A	113590		PVT	T						1266		
101	04	SIERRA POINT OH (BR NO 35-130)	T1	P	239	39		278				
23.7				R								
23.8	HA21	STRENGTHEN BRIDGE AND WIDEN	88TIP	C						2783		
0712	100781		F	T	239	39		278		2783		
280	04	RTE 380 TO AVALON DR	T2	P	289	27		316				
R 20.4			10	R								
R 21.9	HB4N	NORTHBOUND AUXILIARY LANE	88TIP	C								3164
0732A	EA5503		IR	T	289	27		316				3164
280	04	AT SAN BRUNO AVE	T1	P								
R 20.7		(87 TIP)		R								
.0	HB4N	MODIFY SIGNALS AND ADD TURN LANES	88TIP	C	226			226				
0734A	GMC070		FAU	T	226			226				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT	FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
280	04	AT SAN BRUNO AVE	T1	P								
R 20.7		(87 TIP)		R								
.0	HB4N	MODIFY SIGNALS AND ADD TURN LANES	88TIP	C			37	37				
0734A	GMC070		LOCM	T			37	37				
280	04	AT SNEATH LANE	T1	P								
R 21.3		(87 TIP)		R								
.0	HB4N	MODIFY SIGNALS AND ADD TURN LANES	88TIP	C	282				282			
0738C	GMC060		FAU	T	282				282			
				P								
				R								
				C			47		47			
			LOCM	T			47		47			
280	04	ON ROUTES 280 &380	T1	P	146	14		160				
R 25.2		BRIDGE #'S 35-179G, 219 & 254		R								
R 25.3	HA4	SEISMIC RETROFIT	88TIP	C	1466	136		1602				
B0606B	126121		IR	T	1612	150		1762				
280	04	JUNIPERO SERRA BL-MISSION ST N/B	T1	P								
R 25.4	C/O	OFF RMP TEC-1015		R								
R 26.6	HE11	WIDEN RAMP & SIGNALIZE INTERSECTION	88TIP	C	873			873				
0739C	116470		FAU	T	873			873				
	C/O			P								
				R								
				C			142	142				
			LOCM	T			142	142				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
* 280	04	NEAR SAN PEDRO ROAD	T1	P								
R 26.0	C/O	50% DALY CTY	IGR	R								
R 26.1	HB6	CONSTRUCT PARK AND RIDE FACILITIES	88TIP	C			1405	1405				
0739B	117130		CITY	T			1405	1405				
	C/O			P								
				R								
				C	1327	123		1450				
			IR	T	1327	123		1450				
380	04	W/B CONNECTOR TO N/B RTE 280	T2	P	56	5		61				
4.7			10	R								
4.8	HE12	UPGRADE LANE WIDTH TO STANDARD	88TIP	C								608
0743B	PA7710		IR	T	56	5		61				608
L5710	04	IN HALF MOON BAY NEAR MIRAMONTES RD	T1	P								
.0				R								
.0	HA12	RECONSTRUCT MAINTENANCE STATION	88TIP	C							952	
0624	207750		STA	T							952	
L5816	04	IN SO SAN FRANCISCO AT AIRPORT BLVD	T1	P								
.0				R		1080		1080				
.0	HA12	CONSTR MAINT STATION AT NEW SITE	88TIP	C		1273		1273				
0704	207991		STA	T		2353		2353				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0405DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUB	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
9	04	SARATOGA CREEK BRIDGE (BR # 37-75)	T1	P	79	20		99				
5.5				R								
5.6	HA21	REPLACE BRIDGE	88TIP	C								993
0386A	DES100		BR	T	79	20		99				993
9	04	WEST OF SIXTH ST TO RTE 85	T1	P	68	11		79				
7.0				R								
7.4	HA22	ROADWAY RECONSTRUCTION	88TIP	C	677	110		787				
0389C	11851G		FAU8	T	745	121		866				
9	04	RTE 85 TO RTE 17	T1	P	104	17		121				
7.4				R								
11.4	HA22	AC OVERLAY & WIDEN BRIDGE	88TIP	C	1044	170			1214			
0389B	CQJ111		FAU8	T	1148	187		121	1214			
17	04	AT SUMMIT RD INTERSECTION	T1	P								
.0		(SCR-17 12.4/12.5)		R								
.3	HB1	CONSTRUCT ACCEL & DECEL LANE	88TIP	C	298	33			331			
B0554C	EAR050		HES	T	298	33			331			
17	04	IN SANTA CRUZ & SANTA CLARA CO'S	T1	P								
2.0	C/O	SCR-17-6.5/12.3		R								
3.7	HA22	REHABILITATE CULVERTS AT VAR LOC	88TIP	C	650	106		756				
A0554B	12208G		F	T	650	106		756				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
17	04	AT VARIOUS LOCATIONS IN SCL COUNTY	T1	P								
3.8		(ON VARIOUS ROUTES)		R								
10.0	HB1	UPGRADE GUARDRAILS	88TIP	C	610	68			678			
0394	EAR120		HES	T	610	68			678			
17	04	SOUTH OF BEAR CREEK TO NORTH OF	T2	P	377	61		438				
3.8		MONTEVINA ROAD		R						687	307	
5.1	HE11	CONSTR OR & FRONTAGE RDS	88TIP	C							4380	
0395A	119650		F	T	377	61		438		687	4687	
17	04	MAIN ST (BR#37-117),BLOSSOM HILL RD	T1	P								
6.6		(BR#37-148) AND LARK AVE(BR#37-151)		R								
9.0	HA21	BRIDGE RAIL UPGRADE	88TIP	C						261		
0397B	DWA520		F	T						261		
* 17	04	RTE 9 TO CAMDEN AVENUE NB	T2	P	212	34		246				
7.1		(CONSTR AFTER RTE 85 LOC DECISION)	IGR	R								
10.5	HB4N	HOV BYPASS LANE (NB)	88TIP	C						2460		
0393	116010		F	T	212	34		246		2460		
17	04	BETW BLOSSOM HILL RD AND LARK AVE	T2	P								
8.2				R								
8.9	HB311	HIGHWAY SOUNDWALLS	88TIP	C						395		
0400C	JCB310		F	T						395		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PM / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90 ($1,000)	90/91 ($1,000)	91/92 ($1,000)	92/93 ($1,000)
17	04	KILMER AVE TO WHITE OAKS AVE	T2	P	43	7		50				
9.6				R								
10.1	HB311	CONSTRUCT SOUNDWALL	88TIP	C						504		
0400E	CMA370		F	T	43	7		50		504		
* 17	04	CAMDEN AVE TO HAMILTON AVE SB	T1	P	171	28		199				
10.5		REPL PLNTG TO 398Y	IGR	R								
12.3	HB4C	AUXILIARY LANE	88TIP	C	1715	279		1994				
0398B	116730		F	T	1886	307		2193				
17	04	CAMDEN AVE TO HAMILTON AVE S/B	T1	P								
10.5				R								
12.3	HA25	REPL PLNTG PORTION OF 398B CAT-9	88TIP	C								254
0398Y	12287G		F	T								254
17	04	AT THE HAMILTON AVE OC	T1	P								
12.3	C/O			R								
12.4	HE11	WIDEN OVERCROSSING TEC-468	88TIP	C			468	468				
0402	116100		PVT	T			468	468				
17	04	PAMLAR AVE TO TOLWORTH	T2	P								
12.6				R								
13.0	HB311	HIGHWAY SOUNDWALL (RT)	88TIP	C						375		
0402A	CMA030		F	T						375		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
17	04	PAMLAR DR TO HAMANN PARK	T2	P								
12.6				R								
12.9	HB311	CONSTRUCT SOUNDWALL (LEFT SIDE)	88TIP	C						293		
0402B	CMA060		F	T						293		
17	04	HAMILTON AVE TO ROUTE 280	T2	P	63	10		73				
13.1				R								
13.8	HB311	HIGHWAY SOUNDWALLS	88TIP	C						727		
0400B	JCB180		F	T	63	10		73		727		
25	04	SAN BENITO CO LINE TO RTE 101	T1	P	55	9		64				
.0				R								
2.5	HA22	AC OVERLAY	88TIP	C	547	89		636				
0492B	121210		F	T	602	98		700				
* 82	04	BLOSSOM HILL TO BRANHAM LN	T1	P	229			229				
R .3		(UNIT III)	IGR	R								
1.6	HE13	WIDEN 4 TO 6 LANES	88TIP	C	2288				2288			
0419S	12212G		FAU	T	2517			229	2288			
				P								
				R								
				C			360		360			
			LOCM	T			360		360			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / FMB / FMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** ACMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 82	04	BRANHAN LN TO SOUTHSIDE DR (UNIT I)	T1	P	486			486				
1.6			IGR	R								
3.5	HE13	WIDEN TO 6 LANES	88TIP	C						4861		
0419A	115871		FAU	T	486			486		4861		
				P								
				R								
				C						762		
			LOCM	T						762		
* 82	04	SOUTHSIDE TO CURTNER (UNIT II)	T1	P	305			305				
3.5			IGR	R								
4.9	HE13	WIDEN 4 TO 6 LANES	88TIP	C	3052				3052			
0419N	12211G		FAU	T	3357			305	3052			
				P								
				R								
				C			479		479			
			LOCM	T			479		479			
82	04	LAFAYETTE TO SCOTT BLV PHASE III	T2	P								
11.6		SCL UNIV BYPASS WIDEN TO 6 LANES		R			1313	429	884	382		
12.4	HE14	RES G-84-8	88TIP	C						1094		
0421D	15120G		LOC	T			1313	429	884	1476		
				P								
				R		1126		377	749	343		
				C						1987		
			STA	T		1126		377	749	2330		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT	FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
82	04	AT WILLOW RD (ENCRO PERMIT PROJ)	T1	P								
26.2		TEC-260		R								
26.3	HB4N	MODIFY TRAF SIGNALS & ROADWAY CONN	88TIP	C							304	
0427A	114090		PVT	T							304	
85	04	SCLTA WEST VALLEY TRANSPORTATION	T1	P								
.0	C/O	CORRIDOR		R								
R 17.9	HE14	RW & CONSTRUCTION	88TIP	C	25000			20000	5000			
0425B	SCL800		FAU	T	25000			20000	5000			
	C/O			P								
				R								
				C			3500	2800	700			
			LOCM	T			3500	2800	700			
85	04	ROUTE 101 TO MIYUKI DRIVE	T1	P								
R .0	C/O	ROUTE 87 TO ROUTE 17 4.9/10.2		R			64000	40000	24000			
R 1.2	HE14	CONSTRUCT EARTHWORK	88TIP	C			18762		18762			
0426A	43713G		XSCL	T			82762	40000	42762			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** ACMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s (51,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
85	04	ROUTE 101 TO MIYUKI DRIVE	T1	P								
R .0		STAGE 1		R								
R 1.2	HE14	6 LANE FREEWAY RTE 85/101 I/C	88TIP	C			25035	25035				
0426B	437146		XSCL	T			25035	25035				
85	04	RTE 101 TO STEVENS CR BLVD	T1	P								
.0	C/O	W VALLEY TRANSP CORRIDOR R/W ONLY		R	2752			2752				
R 17.9	HE14	RW PROTEC TEC-3375(INCL PRIOR YR)	88TIP	C								
0428	48500H		FAU	T	2752			2752				
				P								
	C/O			R		448		448				
				C								
			STAM	T		448		448				
85	04	MIYUKI DR TO SANTA TERESA BLVD	T1	P								
R 1.2		PTN TO #4261 SJS-212		R								
R 4.7	HE14	UPGRADE TO 6 LANE FREEWAY (STAGE I)	88TIP	C			212	212				
0426C	437041		CITY	T			212	212				
				P								
				R								
				C			34646	34146	500			
			XSCL	T			34646	34146	500			
85	04	MIYUKI DR TO SANTA TERESA BLVD	T1	P								
1.2	C/O	MEAS A-4.8 SJS-0.1 CO-0.2		R								
4.7	HE14	CONST W/HALF COTTLE RD I/C(STG II)	88TIP	C			101	101				
04261	437351		CITY	T			101	101				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
								($1,000)				
85	04	MIYUKI DR TO SANTA TERESA BLVD	T1	P								
1.2	C/O	MEAS A=4.8 SJS=0.1 CO-0.2		R								
4.7	HE14	CONST W/HALF COTTLE RD I/C(STG II)	88TIP	C			204	204				
0426I	437351		CO	T			204	204				
				P								
	C/O			R								
				C			4801	4801				
			XSCL	T			4801	4801				
85	04	MIYUKI DR TO SANTA TERESA BLVD.	T1	P								
1.2	C/O	TEC=63.8 SJS=13.2CO=17.3 STA=1.5MAX		R								
4.9	HE14	EXPRWY & BLOSSOM HL(POR OF 426C)	88TIP	C			13200	13200				
0428B	487011		CITY	T			13200	13200				
				P								
	C/O			R								
				C			17300	17300				
			CO	T			17300	17300				
				P								
	C/O			R								
				C	1283	209		1492				
			FAU8	T	1283	209		1492				
				P								
	C/O			R								
				C			31802	31802				
			XSCL	T			31802	31802				

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ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
								($1,000)				
* 85	04	JUNCTION RTES 85/87 (POR OF #443A)	T1	P								
R 4.7	C/O	TEC=22.0 CO=3.2 SJS=2.3	IGR	R								
R 5.4	HE14	CONSTRUCT I/C STG II (POR TO #426L	88TIP	C			2308	2308				
0426D	437151		CITY	T			2308	2308				
	C/O			P								
				R								
				C			3192	3192				
			CO	T			3192	3192				
	C/O			P								
				R								
				C	1395	227		1622				
			FAU8	T	1395	227		1622				
	C/O			P								
				R								
				C			14874	14874				
			XSCL	T			14874	14874				
* 85	04	JUNCTION RTES 85/87	T1	P								
4.7		PTN OF #426D	IGR	R								
5.4	HE14	CONSTRUCT I/C STAGE III	88TIP	C						13163		
0426L	437301		XSCL	T						13163		
* 85	04	AT THE GUADALUPE RIVER	T1	P								
R 5.4	C/O		IGR	R			7000	7000				
R 5.6	HE14	CONSTRUCT BRIDGES	88TIP	C			17503	17503				
0426E	437121		XSCL	T			24503	24503				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 85	04	GUADALUPE RIVER TO S BASCOM AVE	T1 P								
R 5.6		6 LANE FREEWAY-CAMDEN AVE AND	IGR R								
R 10.2	HE14	UNION AVE I/C'S	88TIP C			54520		54520			
0426F	43716G		XSCL T			54520		54520			
* 85	04	JUNCTION 17/85	T1 P								
R 10.2	C/O	INCS WINCHESTER-BASCOM-LARK I/C'S	IGR R			25000	15625	9375			
R 11.0	HE14	CONSTRUCT RTE 17/85 I/C STG I	88TIP C			49112		49112			
0426G	43717G		XSCL T			74112	15625	58487			
* 85	04	WINCHESTER BLVD TO PROSPECT ROAD	T1 P								
R 11.0	C/O	INCLUDES SARATOGA AVE I/C	IGR R			26155	8500	17655			
R 15.2	HE14	CONSTRUCT 6 LANE FREEWAY	88TIP C			49885		49885			
0426H	43718G		XSCL T			76040	8500	67540			
* 85	04	PROSPECT ROAD TO STEVENS CREEK BLVD	T1 P								
R 15.2	C/O	INCL. SARATOGA-SUNNYVALE I/C	IGR R			7000	7000				
R 17.7	HE14	CONSTR 6 LN FWY (POR TO #426M)	88TIP C			44362		44362			
0426J	43719G		XSCL T			51362	7000	44362			
* 85	04	S/STEVENS CREEK BLVD TO RTE 280	T1 P								
R 17.5		MODIFY I/C AND ADD SIDE RAMPS AT	IGR R								
R 18.5	HE13	STEVENS CK BLVD POR OF 86 ASTIP#426	88TIP C			7284		7284			
0435E	43731G		XSCL T			7284		7284			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
85	04	HOMESTEAD RD TO N OF RTE 237	T1	P								
R 18.9	C/O	INCLUDES #433D		R								
R 22.4	HE13	WDN 4 TO 6 LNS IN MED & SOUNDWALLS	88TIP	C			12750	12750				
0426K	437070		XSCL	T			12750	12750				
85	04	HOMESTEAD RD TO THE DALLES	T1	P								
18.9		(SCCTA) SEC 215.5 PAYBACK		R								
19.4	HB311	SOUNDWALLS (LT & RT)	88TIP	C		1296		1296				
0433E	43736P		STA	T		1296		1296				
85	04	STEVENS CREEK BRIDGE TO RTE 101	T1	P								
R 23.0	C/O			R								
R 24.0	HA22	ROADWAY RECONSTRUCTION	88TIP	C	651	106		757				
0440	108360		F	T	651	106		757				
87	04	PEARL AVE TO CAPITOL AVE	T1	P								
.0		GUADALUPE CORRIDOR(REQD MITIGATION)		R								
1.4	HB32	HIGHWAY PLANTING CAT 3/10	88TIP	C						506		
0427E	48715G		LOC	T						506		
* 87	04	CAPITOL EXP TO CURTNER GUAD COR	T2	P	1028			1028				
1.0		INCLUDES POR OF #442	IGR	R								
2.6	HE14	PAVE STRS CAPITAL I/C	88TIP	C	10281				10281			
044JC	487031		FAU	T	11309			1028	10281			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 87	04	CAPITOL EXP TO CURTNER GUAD COR	T2	P	422	69		491				
1.0		INCLUDES POR OF #442	IGR	R								
2.6	HE14	PAVE STRS CAPITAL I/C	88TIP	C	4223	687			4910			
0443C	487031		FAU8	T	4645	756		491	4910			
				P								
				R								
				C			2357		2357			
			LOCM	T			2357		2357			
87	04	S OF CAPITOL EXP TO VIRGINIA	T1	P								
1.0	C/O	GUADALUPE CORR POR OF #443C,D,Z		R								
4.9	HE14	EARTHWORK & LRT TD=522M SJS=58M	88TIP	C			8000		8000			
0443G	487141		CITY	T			8000		8000			
	C/O			P								
				R								
				C	12900	2100			15000			
			FAU8	T	12900	2100			15000			
	C/O			P								
				R								
				C			22000		22000			
			LOC	T			22000		22000			
87	04	CAPITOL EXPRESSWAY TO 0.2 MI SOUTH	T1	P								
1.4		OF CURTNER AVE (GUADALUPE CORRIDOR)		R								
2.6	HB32	HIGHWAY PLANTING (REQD MITIGATION)	88TIP	C						740		
0427H	48716G		LOC	T						740		

ROUTE / PM / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
87	04	SOUTH OF CURTNER AV TO WILLOW ST	T1	P								
2.6		GUAD CORR POR TO 443F		R								
4.8	HE14	PAVE STRUCTURES	88TIP	C			1749	1749				
0443D	487041		CO	T			1749	1749				
				P	1674	273		1947				
	C/O			R	9	1		10				
				C	16742	2725		19467				
			FAU8	T	18425	2999		21424				
87	04	S OF ALMADEDN EXP TO VIRGINIA ST	T1	P								
3.1	C/O	POR OF 443G & 443D		R								
4.9	HE14	LIGHT RAIL & STRUCTURES	88TIP	C			9010	9010				
0443J	487241		CO	T			9010	9010				
				P								
	C/O			R								
				C	11395	1855		13250				
			FAU8	T	11395	1855		13250				
87	04	ROUTE 280 TO TAYLOR ST	T1	P	87			87				
5.1				R								
6.9	HB32	HIGHWAY PLANTING CAT-10	88TIP	C	868			868				
0443	38118G		FAU	T	955			955				
				P								
				R								
				C		512		512				
			STAM	T		512		512				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $ ($1,000)	89/90 $	90/91 $	91/92 $	92/93 $
101	04	AT JCT RTE 25	T1	P								
3.1			11	R	270	30		300				
3.3	HB1	CONSTRUCT INTERIM INTERCHANGE	88TIP	C	2871	319		3190				
0449C	124160		HES	T	3141	349		3490				
101	04	NEAR BUENA VISTA AVE (NB)	T1	P	180	29		209				
R 9.1		(ALT LOC SAN MARTIN AVE PM R12.4)		R						257		
R 9.2	HA4	CONSTRUCT WEIGH STATION	88TIP	C						2086		
0451B	121580		F	T	180	29		209		2343		
* 101	04	AT BAILEY AVE IN SAN JOSE	T1	P								
R 22.9			IGR	R								
R 23.9	HE11	CONSTRUCT NEW INTERCHANGE	88TIP	C			4662		4662			
0454	116120		CITY	T			4662		4662			
101	04	TENNANT RD TO SILVER CREEK BR	T1	P								
27.1		CONST BY SCCTA POSS.FUTURE PAYBACK		R								
36.4	HB311	CONSTRUCT SOUNDWALLS SEC 215.5	88TIP	C						3322		
0455L	CMA400		LOC	T						3322		
101	04	N/HELLYER AVE OC TO 280/680/101 IC	T1	P								
30.5		PAYBACK $5.5 PER STIP AMEND 87-26		R								
34.9	HE13	WIDEN TO 8 LANES & SOUNDWALLS	88TIP	C		5500		5500				
0455J	437411		STA	T		5500		5500				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST C/O PROGRAM EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER PRIORITY SOURCE FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	N/HELLYER AVE OC TO 280/680/101 IC	T1	P								
30.5		PAYBACK $5.5 PER STIP AMEND 87-26		R								
34.9	HE13	WIDEN TO 8 LANES & SOUNDWALLS	88TIP	C			8020	8020				
0455J	437411		XSCL	T			8020	8020				
101	04	RTE 280/680/101 I/C TO MCKEE RD	T1	P								
35.1				R								
36.2	HE13	WIDEN TO8 LNS - MOD MCKEE RD I/C	88TIP	C						10442		
0455B	43721G		XSCL	T						10442		
* 101	04	S/O SAN ANTONIO ST OC TO N/O MCKEE	T2	P	1709	90		1799				
35.3		RD I/C LEVEL 1 REPL PLNTG TO 463Y	IGR	R	1254	66		371	949			
36.6	HE13	MODIFY 101/130 I/C & WIDEN TO 6 LN.	88TIP	C	17091	900			17991			
0463A	189940		FF	T	20054	1056		2170	18940			
101	04	S OF SAN ANTONIO ST O.C. TO N OF	T1	P								
35.3		MCKEE RD		R								
36.6	HA25	REPL PLNTG PORTION OF #463A CAT-5	88TIP	C								382
0463Y	18996G		FF	T								382
101	04	MCKEE RD TO BERRYESSA ST	T1	P								
36.2				R								
37.4	HE13	WIDEN 6 TO 8 LNS REPLACE OC'S	88TIP	C			12030		12030			
0455C	43722G		XSCL	T			12030		12030			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT	FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	BERRYESSA ST TO RTE 880	T1	P								
37.4				R			3175	1588	1587			
38.3	HE13	WIDEN 6 TO 8 LNS - REPL OC'S	88TIP	C			35316		35316			
0455D	43723G		XSCL	T			38491	1588	36903			
101	04	RTE 880 TO GUADALUPE PKWY (RTE 87)	T1	P								
38.3		PORTION TO #472		R								
40.2	HE13	WIDEN 6 TO 8 LNS-MOD I/CS	88TIP	C			11145		11145			
0455E	43724G		XSCL	T			11145		11145			
101	04	4TH ST/ZANKER ROAD	T1	P								
38.8		100% SAN JOSE		R								
38.9	HE11	CONSTRUCT OVERCROSSING	88TIP	C			11361		11361			
0468A	116110		CITY	T			11361		11361			
101	04	AT BROKAW RD IN SAN JOSE	T1	P	777			777				
39.4				R								
39.5	HE11	CONSTRUCT UNDERCROSSING	88TIP	C	7773				7773			
0469B	121360		FAU	T	8550			777	7773			
101	04	ON ROUTE 101 AT GUADALUPE PARKWAY	T1	P								
39.8	C/O	SAN JOSE-13260 POR FROM #455E		R								
40.0	HE11	NEW OC'S & RECONST GUAD PKWY OC	88TIP	C			13260	13260				
0472	380831		CITY	T			13260	13260				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE PMB PMA PPNO	DIST C/O PROGRAM EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER PRIORITY SOURCE FUND		FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	ON ROUTE 101 AT GUADALUPE PARKWAY	T1	P								
39.8	C/O	SAN JOSE-13260 POR FROM #455E		R								
40.0	HE11	NEW OC'S & RECONST GUAD PKWY OC	88TIP	C			1100	1100				
0472	380831		XSCL	T			1100	1100				
101	04	JUNCTION ROUTE 17 TO MOFFETT BLVD	T1	P								
40.0	C/O	TO INCLUDE #0478 DELAYED FM 84 BGT		R								
47.9	HB4N	RAMP METERING & CONST PAVEMENT	88TIP	C	1263	206		1469				
0468	396171		F	T	1263	206		1469				
101	04	GRT AMERICA PKWAY TO SM/SCL CO LINE	T1	P								
43.3		CONST BY SCCTA FUTURE PAYBACK		R								
52.5	HB311	CONSTRUCT SOUNDWALLS SEC 215.5	88TIP	C						2446		
0478A	CMA410		LOC	T						2446		
101	04	GRT AMERICA PKWY TO SM/SCL CO LINE	T2	P								
43.3		(POSSIBLE PAYBACK)		R								
52.5	HB3I1	CONSTRUCT SOUNDWALLS	88TIP	C						2446		
0478C	CMA41P		STA	T						2446		
101	04	AT RTE 101/LAWRENCE EXPWY I/C	T2	P	611			611				
43.9			1	R								
44.0	HE11	MODIFY I/C AND WIDEN OC	88TIP	C							6111	
0478B	HPH002		FAU	T	611			611			6111	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	AT RTE 101/LAWRENCE EXPWY I/C	T2	P								
43.9			1	R								
44.0	HE11	MODIFY I/C AND WIDEN OC	88TIP	C							125	
0478B	HPH002		LOCM	T							125	
				P								
				R								
				C							1018	
			STAM	T							1018	
* 101	04	AT MATHILDA I/C AND 237/MATHILDA	T1	P								
45.3		I/C PTN OF 86 ASTIP #455	IGR	R			428		428			
46.0	HE13	CONSTRUCT RAMP CONNECTION & WIDEN	88TIP	C						1721		
0463E	43732G		XSCL	T			428		428	1721		
101	04	MOFFETT BLVD TO OLD MIDDLEFIELD WAY	T1	P								
47.9		PTN OF 86 ASTIP #455 MTV-1148		R								
49.0	HE13	MOD I/C & CONST N/B COLLECTOR	88TIP	C						1148		
0436F	43733G		CITY	T						1148		
				P								
				R			9936	4800	5136			
				C						8033		
			XSCL	T			9936	4800	5136	8033		
* 101	04	MOFFETT BLVD TO SAN MATEO CO LINE	T1	P	243	40		283				
47.9		TSM AQM REPL PLNTG TO 482Y	IGR	R								
52.5	HB4C	R. METER-HOV BYPASS LANES-AUX LN SB	88TIP	C	2434	396		2830				
0482	389131		F	T	2677	436		3113				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	MOFFET BLVD TO SAN MATEO CO LINE	T1	P								
47.9				R								
52.5	HA25	REPL PINTG PORTION OF #482 CAT-5	88TIP	C						234		
0482Y	12288G		F	T						234		
* 101	04	RTE 101/SHORELINE RD I/C	T1	P								
48.6		MTN VIEW-3999 MEAS A-1248	IGR	R								
49.1	HE11	MODIFY I/C AND WIDEN OVERCROSSING	88TIP	C			3999	3999				
0485B	115490		CITY	T			3999	3999				
				P								
				R								
				C			1248	1248				
			XSCL	T			1248	1248				
101	04	AT THE RENGSTORFF AVE I/C	T1	P								
49.2	C/O	(MT VIEW)		R								
49.9	HE11	MODIFY INTERCHANGE AND WIDEN OC	88TIP	C			3343	3343				
0487A	101850		CITY	T			3343	3343				
152	04	AT VARIOUS LOCATIONS NR HECKER PASS	T1	P								
.0		(SCR-152 3.8/8.2)		R								
3.0	HB1	CURVE CORRECTION	88TIP	C	745	83			828			
B0561C	EAR060		HES	T	745	83			828			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
152	04	0.3 W TO 0.3 MI E OF EL MATADOR DR	T1	P								
4.4				R								
5.0	HB1	CURVE CORRECTION	88TIP	C							456	
0483F	EAR250		HES	T							554	
152	04	FROM UVAS CREEK TO JCT OF RTE 156	T2	P								
M 5.4				R								10240
22.1	HE14	4 LANE FREEWAY R/W ONLY	88TIP	C								
0484	152000		F	T								10240
152	04	S.JCT RTE 101 TO 0.2 MI E OF	T1	P								
R 9.9	C/O	FERGUSON RD (INCL #485A)		R	1			1				
13.0	HA22	A.C. OVERLAY-BRIDGE WIDENING	88TIP	C	1140	186		1326				
0485D	117880		F	T	1141	186		1327				
152	04	0.5 MI E OF FERGUSON RD TO RTE 156	T1	P	341	55		396				
13.3				R								
22.1	HA22	ROADWAY REHABILITATION	88TIP	C						3960		
0484F	CQJ117		F	T	341	55		396		3960		
* 152	04	RTE 156 TO 1.9 MI E OF KILLDEER CR	T1	P								
22.1	C/O	STG II POR OF 486	IGR	R	1204	196		1400				
27.3	HE14	2C-4E, NEW CONNS, VERT & HORIZ ALIGN	88TIP	C	13513	2200		15713				
0486Z	152111		F	T	14717	2396		17113				

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ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
152	04	2.8 TO 0.4 W/O MERCED CO LINE	T1	P	115	19		134				
32.4				R								
R 34.8	HA22	ROADWAY RECONSTRUCTION	88TIP	C	1148	187			1335			
0488A	108680		F	T	1263	206		134	1335			
* 237	04	W OF MIDDLEFIELD RD TO E OF MAUDE	T1	P								
R 1.3		AVE	IGR	R			4690	2380	2310	2310		
1.7	HE11	CONST I/C	88TIP	C						18934		
0490E	43729G		XSCL	T			4690	2380	2310	21244		
237	04	MAUDE AVE TO RTE 101	T1	P								
1.8				R								
2.5	HA22	AC OVERLAY	88TIP	C	259	42		301				
0491C	12198G		FAU8	T	259	42		301				
* 237	04	E OF MATHILDA AVE TO LAWRENCE EXPWY	T1	P								
3.0		PTN OF 86 ASTIP #490	IGR	R								
R 5.3	HE13	WIDEN TO 6 LANES	88TIP	C						4590		
0495I	43734G		XSCL	T						4590		
* 237	04	CALABAZAS CREEK TO COYOTE CREEK	T2	P								
R 5.3		UPGRADE TO 6 LANE FWY & CONST I/C'S	IGR	R								
8.7	HE11	(INCLUDES 490B, C & D)	88TIP	C						22309		
0490A	43725G		D13	T						22309		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 237	04	CALABAZAS CREEK TO COYOTE CREEK	T2	P								
R 5.3		UPGRADE TO 6 LANE FWY & CONST I/C'S	IGR	R								
8.7	HE11	(INCLUDES 490B, C & D)	88TIP	C						5577		
0490A	43725G		STAD	T						5577		
				P								
				R			24750	12375	12375	12750		
				C						32473		
			XSCL	T			24750	12375	12375	45223		
* 237	04	W OF COYOTE CREEK TO RTE 880 ON	T2	P	344	56		400				
8.3		RTE 237 & SO TO NO OF RT237 ON 880	IGR	R								7000
9.5	HE11	RECONST 237/880 IC STAGE 1/PHASE 1	88TIP	C								4000
0495G	MSA3F4	WIDEN 880 6 TO 8 LANES TO NO OF RT237	F	T	344	56		400				11000
				P								
				R								20000
				C								
			XSCL	T								20000
237	04	E/ZANKER RD TO BARBER LANE	T1	P								
8.4		MILPITAS-5.2 MEAS A-3.2 RW		R								
9.0	HE14	MCCARTHY I/C (STG I)	88TIP	C			5190		5190			
0495E	117020		CITY	T			5190		5190			
				P								
				R			3210		3210			
				C								
			XSCL	T			3210		3210			

* Requires MTC Project Review/grant application approval, as discussed in Section VI, IGR.

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $k ($1,000)	89/90 $k	90/91 $k	91/92 $k	92/93 $k
280	04	FROM MCLAUGHLIN AVE TO 7TH STREET	T2	P	263	24		287				
R .4				R	30	3			33			
R 1.3	HB4C	ADD AUXILIARY LANE	88TIP	C	2628	244			2872			
0501	112650		IR	T	2921	271		287	2905			
280	04	COYOTE CREEK BRIDGE (37-282R/L)	T1	P	78	7		85				
R 1.1				R								
R 1.2	HA21	STRENGTHEN BRIDGE (PPG00)	88TIP	C						846		
0502	HA2H81		IR	T	78	7		85		846		
280	04	IN SAN JOSE AT THE 5TH ST OFF RAMP	T1	P								
R 1.7		100% SAN JOSE		R								
R 1.8	HE11	MODIFY ON RAMP AND EXTEND FRONT RD	88TIP	C						1549		
0502A	110900		CITY	T						1549		
280	04	LELAND/MAGDALENA INCLU 507A, 512,	T1	P								
L 4.7	C/O	COMB 515 REPL PLNTG TO 505Y		R								
14.1	HB5	WIDEN FOR HOV AUX LNS & MED BARR	88TIP	C	41450	3850		45300				
0505	408401		I	T	41450	3850		45300				
280	04	LELAND TO MAGDALENA	T1	P	91	8		99				
L 4.7				R								
14.1	HA25	REPL PLNTG PORTION OF #505 CAT-5	88TIP	C							994	
0505Y	40842G		IR	T	91	8		99			994	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 280	04	SARATOGA AVE IC	T1	P								
5.8	C/O	STRUCTURE TO #505	IGR	R	178	17		195				
6.1	HE11	RAMPS & SIGNALS	88TIP	C	750	70		820				
0511	380900		IR	T	928	87		1015				
680	04	BETWEEN KING RD TO SUNSET AVE POC	T2	P	48	5		53				
M .4				R								
M .8	HB311	HIGHWAY SOUNDWALL	88TIP	C							530	
0520B	JCB550		IR	T	48	5		53			530	
680	04	CROPLEY AVE TO BERRYESSA CREEK	T2	P								
M 5.6				R								
M 5.6	HB311	HIGHWAY SOUNDWALL	88TIP	C	411	38			449			
0523D	JCB160		IR	T	411	38			449			
880	04	STVNS CRK BL TO BASCOM AV NB & SB	T1	P	88	8		96				
.1		BR#37-125 & 125W REPL PLNTG TO 396Y		R								
1.3	HB4C	WIDEN BRIDGES FOR AUXILIARY LANES	88TIP	C	878	82		960				
0396C	116740		IR	T	966	90		1056				
880	04	STEVNS CRK BLTO BASCOM AVE NB & SB	T1	P								
.1		BR#37-125,BR#37-125W		R								
1.3	HA25	REPL PLNTG PORTION OF 396C CAT-5	88TIP	C						44		
0396Y	12290G		IR	T						44		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMS / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 880	04	THE ALAMEDA TO COLEMAN SB	T1	P								
2.0	C/O	REPL PLNTG TO 409Y	IGR	R								
2.6	HB4C	AUX LANE (SB),WIDEN & REPL RR STRUC	88TIP	C	6630	616		7246				
0409A	112720		IR	T	6630	616		7246				
880	04	ALAMEDA TO COLEMAN S/B	T1	P								
2.0				R								
2.6	HA25	REPL PLNTG PORTION OF 409A CAT-5	88TIP	C							276	
0409Y	12292G		IR	T							276	
880	04	RTE 101 TO MONTAGUE EXPRESSWAY	T1	P	103	10		113				
4.1				R								
6.7	HB1	UPGRADE MEDIAN BARRIER	88TIP	C	1029	96			1125			
0556D	EAR140		IR	T	1132	106		113	1125			
880	04	MONTAGUE EXP TO RTE 262(ALA/SCL)	T2	P	895	83		978				
R 6.6		INCL #416B) REPL PLNTG TO B0416Y		R								
R 10.5	HE13	FWY WIDENED FROM 4 TO 6 LANES	88TIP	C	8950	831			9781			
B0416A	112820		IR	T	9845	914		978	9781			
880	04	MONTAGUE EXPRESSWAY TO RTE 262	T1	P								
6.7		(ALA/SCL)		R								
10.5	HA25	REPL PLNTG PORTION OF B0416A CAT-9	88TIP	C								321
B0416Y	12291G		IR	T								321

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST C/O PROGRAM EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER PRIORITY SOURCE FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $ ($1,000)	89/90 $	90/91 $	91/92 $	92/93 $
880	04	AT TASMAN DRIVE	T1	P								
7.3		(CITY OF MILPITAS)		R								
8.3	HE11	CONSTRUCT INTERCHANGE	88TIP	C						6816		
0417B	113650		CITY	T						6816		
L5736	04	SOUTH SAN JOSE MAINTENANCE STATION	T1	P								
.0				R								
.0	HA12	CONSTRUCT NEW MAINTENANCE STATION	88TIP	C							1193	
0462C	HA1JM0		STA	T							1193	

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ROUTE / PMR / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0406DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
12	10	FROM NAPA COUNTY LINE TO	T1	P								
.0	C/O	INTERSTATE 80		R	183	30		213				
R 2.8	HA22	STRUCTURAL SECTION REPAIR & WIDEN	88TIP	C	434	71		505				
0804B	370500		F	T	617	101		718				
12	10	0.1 MI W/O MARINA BLVD. TO 0.7 MI	T2	P								
R 5.0		E/O SCANDIA RD CITY OF SUISUN CITY		R							934	
7.9	HE14	CONSTRUCT 4-LANE EXPRESSWAY	88TIP	C							4249	
0808	373100		CITY	T							5183	
				P	558	91		649				
				R								
				C							6488	
			F	T	558	91		649			6488	
12	10	0.9 MI E/O LAMBIE RD TO 0.5 MI E/O	T1	P	40	10		50				
14.4		DENVERTON OVERHEAD (BR. # 23-20)		R								
15.2	HA21	REPLACE BRIDGE	88TIP	C	400	100		500				
0812A	240900		BR	T	440	110		550				
	C/O			P	134	22		156				
				R	45	7		52				
				C	1337	218		1555				
			F	T	1516	247		1763				
12	10	ON RTES.12,160, & 220; BR#23-24	T1	P								
26.2	C/O	& FERRY #23-37(SOL-SAC)		R								
26.4	HA21	CORRECT CAL OSHA DEFICIENCIES	88TIP	C		125		125				
A0819	277101		STA	T		125		125				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PM B / PM A / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
37	10	1.9 MI TO 5.7 MILES EAST OF	T1	P	124	20		144				
3.6		SKAGGS ISLAND RD.		R								
R 7.4	HA22	STRUCTURAL SECTION REPAIR	88TIP	C	1238	201		1439				
0826B	345800		F	T	1362	221		1583				
37	10	NAPA RIV BR TO DIABLO ST IN VALLEJO	T2	P	1166	190		1356				
R 8.0		UNDERFUNDED BY $29403 TOTAL=$46557		R	186	30			216	1301	2078	
10.4	HE14	CONSTRUCT 4 LANE FREEWAY.	88TIP	C							13559	
0831B	327020		F	T	1352	220		1356	216	1301	15637	
* 37	10	IN VALLEJO FR MINI DR TO SAGE ST.	T1	P	769	125		894				
10.0	C/O		IGR	R	417	68		485				
R 11.2	HE14	CONSTRUCT 4 LANE FREEWAY	88TIP	C	7684	1251		8935				
0831A	327011		F	T	8870	1444		10314				
37	10	IN VALLEJO FROM MINI DR TO	T1	P								
10.0		SAGE STREET CAT-3		R								
R 11.2	HA25	HWY PLNTG. PORTION OF #831A	88TIP	C	329	53		382				
0831Y	32711G		F	T	329	53		382				
80	04	CARQUINEZ BRIDGE		P								
.4				R								
.6	HA14	REMODEL ADMIN BUILDINGS	88TIP	C		255			255			
0259B	002590		CARQ	T		255			255			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
80	04	AT THE CARQUINEZ BRIDGE		P								
.4		INCLUDES #262B		R								
.6	HB4	MODIFY TOLL PLAZA-NEW TOLL BOOTHS	88TIP	C		3309			3309			
0262A	002890		CARQ	T		3309			3309			
80	10	FROM CARQUINEZ BRIDGE TO REDWOOD ST	T1	P	54	5		59				
.9		CAT #7		R								
4.4	HA25	IRRIG UPGRADE & REPLACEMENT PLNTING	88TIP	C						588		
0836	296700		IR	T	54	5		59		588		
80	10	MAGAZINE ST OC TO RTE 37/80 SEP	T2	P								
1.8		(PORTIONS)		R								
5.6	HB311	CONSTRUCT SOUNDWALL LEFT	88TIP	C							456	
0854	32810G		IR	T							456	
* 80	10	IN VALLEJO 0.2 MI W TO 0.1 MI E/O	T1	P								
4.2	C/O	REDWOOD ST OC. (EAST SIDE)	IGR	R	366	34		400				
4.5	HB4N	MODIFY INTERCHANGE	88TIP	C	793	74		867				
0850A	331101		IR	T	1159	108		1267				
80	10	IN VALLEJO AT REDWOOD ST IC(E SIDE)	T1	P								
4.2		CAT-3		R								
4.5	HA25	REPLACEMENT PLANTING POR. OF #850A	88TIP	C	68	6		74				
0850Y	331110		IR	T	68	6		74				

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ROUTE / PMS / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
80	10	IN VALLEJO @ REDWOOD STREET IC	T1	P								
4.4		(WEST SIDE) CITY OF VALLEJO	IGR	R			50	50				
4.8	HB4N	MODIFY INTERCHANGE	88TIP	C			578		578			
0850B	365200		CITY	T			628	50	578			
80	10	0.5 TO 0.6 MI E/O RTE 37 CONN OC	T1	P								
6.3		BR#23-175		R								
6.4	HA23	CORRECT POSSIBLE LANDSLIDE	88TIP	C	436	41		477				
0858B	33920G		IR	T	436	41		477				
80	10	IN NAPA & SOLANO COUNTIES, 0.6 MI W	T1	P								
8.0	C/O	TO 0.2 MI E/O AMERICAN CANYON RD OC		R								
8.3	HA22	STRUCTURAL SECTN REPAIR WB & RAMPS	88TIP	C	278	26		304				
B1001	353100		IR	T	278	26		304				
80	10	0.2 MI E/O AMER CYN RD TO 0.5 MI	T1	P	95	9		104				
8.3		E/O LYNCH RANCH RD. (POR)		R								
R 10.2	HA22	STRUCTURAL SECTION REPAIR	88TIP	C	950	88			1038			
0837	26332G		IR	T	1045	97		104	1038			
80	10	NR FAIRFIELD AT 1.4 MI	T1	P	194	18		212				
R 10.0		W/O RED TOP ROAD		R								
.0	HA23	CORRECT EMBANKMENT FAILURE	88TIP	C	1942	180		2122				
0858C	33910G		IR	T	2136	198		2334				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
80	10	NEAR FAIRFIELD @ CORDELIA	T1	P	294	27		321				
14.1		INSPECTION FACILITY		R	510	47			557	148		
14.5	HA4	MODIFY INSPECTION FACILITY	88TIP	C						3213		
0863A	34350G		IR	T	804	74		321	557	3361		
80	10	ADJACENT TO I-80 BETWEEN	T1	P								
14.5	C/O	SUISUN CREEK & RTE 12		R								
17.3	HE14	CONSTRUCT SEPARATE 8' BICYCLE PATH	88TIP	C	258	42		300				
0864	283108		F	T	258	42		300				
80	10	AT AIRBASE PARKWAY INTERCHANGE	T1	P								
18.5		REVISE IC PER RES #C84-8 CAT-9		R								
19.5	HA25	REPLACEMENT PLANTING POR. OF #873	88TIP	C							262	
0873Y	16550G		IR	T							262	
80	10	1.1 MI/E/O N FAIRFIELD OC TO	T1	P	83	8		91				
22.0		0.3 MI/W/O ALAMO CREEK (EB LANES)		R								
R 24.7	HA22	STRUCTURAL SECTION REPAIR	88TIP	C						907		
0876A	37990G		IR	T	83	8		91		907		
* 80	10	AT ALAMO DRIVE IN VACAVILLE	T2	P								
R 25.1		FAU=600: CITY OF VACAVILLE=500	IGR	R								
R 25.3	HE11	RECONSTRUCT IC, ADD EB OFFRAMP	88TIP	C			500		500			
0878A	331501		CITY	T			500		500			

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ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 80	10	AT ALAMO DRIVE IN VACAVILLE	T2	P	60			60				
R 25.1		FAU-600: CITY OF VACAVILLE-500	IGR	R								
R 25.3	HE11	RECONSTRUCT IC, ADD EB OFFRAMP	88TIP	C	599				599			
0878A	331501		FAU	T	659			60	599			
				P	137	13		150				
				R	864	80		600	344			
				C	1370	127			1497			
			IR	T	2371	220		750	1841			
80	10	VACAVILLE FR E/O ALAMO AVE OC	T1	P								
R 25.4		SEC 215.5 FUTURE PAYBACK		R								
R 25.8	HB311	CONSTRUCT SOUNDWALL LEFT	88TIP	C								486
0878	328401		CITY	T								486
80	10	0.6 MI W/O JCT RTE 505 TO 0.2 MI	T2	P	515	48		563				
R 27.8		W/O MERIDIAN RD OC		R						124		
31.2	HE13	CONVERT 6 LN FWY TO 8 LN FWY	88TIP	C						5626		
0883	337600		IR	T	515	48		563		5750		
80	10	IN VACAVILLE AT	T1	P								
29.8		LEISURE TOWN INTERCHANGE		R						185		
30.5	HE11	MODIFY EXISTING INTERCHANGE	88TIP	C							369	
0884A	325400		PVT	T						185	369	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 80	10	0.3 MI W/O PEDRICK RD O.C. TO SOUTH	T1	P								
39.7	C/O	FORK PUTAH CREEK BR. (KIDWELL RD.)	IGR	R								
42.1	HE11	CONST NEW INTERCH & MEDIAN BARRIER	88TIP	C	2132	198		2330				
0888	169911		I	T	2132	198		2330				
680	10	PARISH ROAD OVERCROSS TO	T1	P								
R 5.0		SOUTH CORDELIA OVERCROSS		R								
R 10.0	HB1	MEDIAN BARRIER	88TIP	C						1148		
0801Z	38470G		HES	T						1148		
* 780	10	GLEN COVE RD IC	T1	P								
5.7	C/O		IGR	R	97	9		106				
6.5	HE11	WIDEN OVERCROSSING & REVISE RAMPS.	88TIP	C	3295	306		3601				
0801L	297501		IR	T	3392	315		3707				
L5719	10	RIO VISTA MAINTENANCE STATION	T1	P								
.0				R								
.0	HA12	CONSTRUCT NEW MAINTENANCE STATION	88TIP	C						659		
0818	26730G		STA	T						659		
L5780	04	AT THE BENICIA-MARTINEZ BRIDGE		P								
.0				R								
.0	HA14	CONSTRUCT NEW WAREHOUSE	88TIP	C						554		
0301C	00287G		BENM	T						554		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

ROUTE / PMB / PMA / PPNO	DIST / CO / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
999	10	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0102DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250
				P								
				R								
				C	915	85		500	500	500	500	500
			IR	T	915	85		500	500	500	500	500

* Requires MTC Project Review/grant application approval, as discussed in Section VI,IGR.

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
1	04	AT VARIOUS LOCATIONS	T1	P								
.0				R								
58.5	HB1	INSTALL GUARD RAILS	88TIP	C	298	33			331			
0751A	LJM030		HES	T	298	33			331			
1	04	IN MARIN & SONOMA CO'S	T1	P								
2.1	C/O	MRN-1-13.4/48.3		R								
54.6	HA22	REHABILITATE CULVERTS AT VAR LOC	88TIP	C	194	31		225				
B0311	12039G		F	T	194	31		225				
12	04	LAGUNA DE SANTA ROSA BR TO DUER RD	T2	P	90	15		105				
9.5		(87 TIP)		R								
10.5	HB4N	WIDEN FOR LEFT TURN LANE - EXTENDS	88TIP	C	901	147			1048			
0755B	TGB010		F	T	991	162		105	1048			
12	04	DUER RD AND LLANO RD EAST OF	T1	P								
10.5		SEBASTOPOL		R	256	28		150	134			
11.2	HB1	WIDEN FOR 2 WAY LT TURN LANE & SHLD	88TIP	C	507	56			563			
0756A	112230		HES	T	763	84		150	697			
* 12	04	W/SOUTH E ST TO E/ BROOKWOOD AVE	T2	P								
R 16.5		(SR=14% MATCH & VIADUCT DIFF)	IGR	R								
R 17.1	HE14	2C TO 4F(GAP CLO) HWY PLNTG TO 757Y	88TIP	C			1535		1535			
0757A	121651		CITY	T			1535		1535			

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ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s (51,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
* 12	04	W/SOUTH E ST TO E/ BROOKWOOD AVE	T2	P	811	132		943				
R 16.5	C/O	(SR-14¶ MATCH & VIADUCT DIFF)	IGR	R	9	1		10				
R 17.1	HE14	2C TO 4F(GAP CLO) HWY PLNTG TO 757Y	88TIP	C	8111	1320			9431			
0757A	121651		F	T	8931	1453		953	9431			
12	04	W/S. E ST TO E/BROOKWOOD AVE	T2	P								
R 16.5		SR-14¶ MATCH		R								
R 17.1	HB32	HWY PLNTG PORTION OF 757A CAT-8/10	88TIP	C							40	
0757Y	118660		CITY	T							40	
				P								
				R								
				C							247	
			F	T							247	
12	04	MELITA RD (WEST) TO MELITA RD	T1	P								
21.4	C/O	(EAST) POR TO #460F		R	99	16		115				
22.1	HE12	IMPROVE HIGHWAY WITH LEFT-TURN	88TIP	C	323	52		375				
0460E	113550		F	T	422	68		490				
12	04	MELITA RD (EAST) TO OAKMONT DR	T2	P	72	12		84				
22.1		PORTION OF #460E		R								
23.1	HE12	WIDEN ROADWAY	88TIP	C	722	118			840			
0460F	1135X0		F	T	794	130		84	840			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST C/O PROGRAM EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER PRIORITY SOURCE FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
12	04	OAKMONT TO KENWOOD.	T2	P	115	19		134				
23.1		PLUS $1M IN 88STIP FOR CHANNEL		R								
25.6	HE14	WIDEN SHOULDERS AND CHANNELIZE	88TIP	C	1156	188			1344			
0762	103750		F	T	1271	207		134	1344			
12	04	0.1 MI E/O SONOMA CK TO W. SPAIN ST	T1	P	525	86		611				
25.9		INCL #762F		R								
36.5	HA22	AC OVERLAY,CHANNEL,SHOULDERS	88TIP	C						6105		
0762D	121991		F	T	525	86		611		6105		
12	04	5TH ST WEST TO MACARTHUR ST	T1	P	64	10		74				
37.0				R	1570	255		600	1225			
38.1	HA22	ROADWAY RECONSTRUCTION	88TIP	C	638	104			742			
0762B	108930		F	T	2272	369		674	1967			
12	04	FIRST ST WEST AND BROADWAY	T2	P								
37.5				R								
37.6	HB4N	SIGNALIZE INTERSECTION	88TIP	C	130	21			151			
0763C	GEB020		F	T	130	21			151			
				P								
				R								
				C			151		151			
			LOC	T			151		151			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
12	04	MAC ARTHUR ST TO NAPA RD	T1	P	62	10		72				
38.1				R								
38.7	HA22	REHABILITATE ROADWAY	88TIP	C	617	100			717			
0762H	CQJ114		F	T	679	110		72	717			
37	04	LAKEVILLE RD TO SONOMA CREEK BR	T1	P								
2.1	C/O			R								
6.0	HA22	A.C. OVERLAY	88TIP	C	2604	424		3028				
0765	116280		F	T	2604	424		3028				
101	04	0.6 MI S OF AIRPORT RD TO KASTANIA	T1	P								
.0	C/O	RD MRN-101 23.2/27.6		R								
2.0	HB1	CONSTRUCT MEDIAN BARRIERS	88TIP	C	600	32		632				
B0357B	115790		FF	T	600	32		632				
101	04	AT SAN ANTONIO CREEK	T1	P	76	4		80				
.0				R						390		
.3	HA4	DRAINAGE IMPROVEMENTS	88TIP	C						803		
0767A	123370		FF	T	76	4		80		1193		
101	04	LAKEVILLE HWY UC TO 0.1 N ROHNERT	T1	P								
3.6	C/O	PARK EXPWY OC STAGE II (PORTIONS)		R								
14.0	HB32	HIGHWAY PLANTING CAT-1	88TIP	C	495	26		521				
0768	380350		FF	T	495	26		521				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	RTE 116 TO 4/10 MI S OF WILFRED OH	T1	P	716	117		833				
3.7				R								
14.6	HA22	ROADWAY RECONSTRUCTION	88TIP	C						8325		
0773	CQJ115		F	T	716	117		833		8325		
101	04	IN PETALUMA AT RAINIER AVE	T1	P								
4.8		100% PETALUMA		R								
5.5	HE11	CONSTRUCT I/C & AUXILIARY LANES	88TIP	C								6575
0771A	100860		CITY	T								6575
101	04	WILFRED AVE I/C	T1	P								
14.2		CITY OF ROHNERT PARK-R		R			558		558			
15.2	HB1	MODIFY RAMPS-AUXIL LANES-FRONT RD	88TIP	C								
0784	124570		CITY	T			558		558			
				P								
				R								
				C	1509	168			1677			
			HES	T	1509	168			1677			
101	04	AT THE WILFRED OH BR NO 20-53 L&R	T1	P								
15.0	C/O	(PROJ TO MEET FED REQ ON PROJ #780)		R	10			10				
15.1	HA21	BRIDGE WIDENING	88TIP	C	2093	110		2203				
0783B	116210		FF	T	2103	110		2213				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMS / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
101	04	0.5 MI N OF SANTA ROSA AVE OC TO	T1	P	74	4		78				
16.0		0.5 MI S OF HEARN AVE OC		R								
18.0	HA22	ROADWAY RECONSTRUCTION	88TIP	C	738	39			777			
0785	10816G		FF	T	812	43		78	777			
101	04	IN SANTA ROSA AT HEARN AVE I/C	T1	P								
18.5		R=100% SANTA ROSA	IGR	R			1260	1260				
18.6	HE11	RECONST NB ON & OFF RAMPS	88TIP	C								
0785A	120780		CITY	T			1260	1260				
				P	73			73				
				R								
				C	725			725				
			FAU	T	798			798				
				P								
				R								
				C			102	102				
			LOCM	T			102	102				
101	04	BAKER AVE O.C. TO STEELE LANE U.C.	T1	P								
19.0				R								
21.8	HB1	UPGRADE EXISTING MEDIAN BARRIER	88TIP	C	602	67		669				
0786B	120761		HES	T	602	67		669				
101	04	BAKER AVE TO MENDOCINO AVE	T2	P	60	10		70				
19.1				R								
22.8	HB311	CONSTRUCT SOUNDWALL (BOTH SIDES)	88TIP	C							702	
0787A	CMA330		F	T	60	10		70			702	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
101	04	MENDOCINO AVE O.C. TO FULTON RD O.C	T1	P								
22.8				R								
25.9	HB1	INSTALL MEDIAN BARRIER	88TIP	C						799		
0792B	LJM210		HES	T						799		
101	04	LIMERICK LANE O.C. TO DRY CREEK	T1	P								
32.8		ROAD U.C.		R								
36.3	HB1	INSTALL MEDIAN BARRIER	88TIP	C	916	102		1018				
0797A	120791		HES	T	916	102		1018				
101	04	GRANT OH TO 2/10 MI W OF WESTSIDE	T1	P	108	17		125				
33.2		ROAD UC		R								
35.1	HA22	ROADWAY RECONSTRUCTION	88TIP	C						1249		
0797B	CQJ120		F	T	108	17		125		1249		
101	04	3 MI. N OF RTE 128 E (CANYON RD)	T1	P	130	7		137				
R 46.1		CLOVERDALE TO GEYSERVILLE		R	127	7			134			
R 46.8	HA4	RELOCATE TRUCK SCALE	88TIP	C	1301	68			1369			
0801	111060		FF	T	1558	82		137	1503			
101	04	N OF HIATT RD TO PRESTON OH	T2	P	3406	179		3585				
T 49.8		(CLOVERDALE BYPASS) PORTNS TO #803C		R	1241	65			1306	1227		
54.2	HE14	CONSTRUCT 4 LANE FREEWAY	88TIP	C						35846		
0803	12145G		FF	T	4647	244		3585	1306	37073		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $'s ($1,000)	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
101	04	AT THE SOUTH CLOVERDALE I/C	T1	P	406	21		427				
T 49.8		PORTION OF STIP #803-CLOVERDALE BP		R								
54.2	HE14	CONST I/C-FRONT RD DELAYED FM 86BGT	88TIP	C	4060	214		4274				
0803C	1214X0		FF	T	4466	235		4701				
101	04	TUSTON AVE OH TO MENDOCINO CO LINE	T1	P	46	8		54				
54.2		(SEE ALSO MEN-101 0.0/0.7 TEC=811)		R								
56.2	HA22	ROADWAY REHAB FOR RELINQUISHMENT	88TIP	C	465	76			541			
0805	12555G		F	T	511	84		54	541			
116	04	FOOTHILL DR TO ARMSTRONG WOODS RD	T1	P								
7.3	C/O	IN GUERNEVILLE		R								
12.1	HA22	RDWY RECON, BR REPL(HULBERT & FIFE)	88TIP	C	472	118		590				
0809C	116250		BR	T	472	118		590				
	C/O			P								
				R								
				C	2300	374		2674				
			F	T	2300	374		2674				
116	04	2ND ST TO E/MAYS CANYON RD RUSSIAN	T1	P	671	168		839				
12.1		RIVER BR (BR NO 20-91) GUERNEVILLE		R	1285	321		750	856			
12.7	HA21	BR REPL PLNTG-REVEGETATION ONLY	88TIP	C	6708	1677			8385			
0811	289710		BR	T	8664	2166		1589	9241			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
116	04	RTE 101 TO FRATES ROAD	T1	P								
34.7		100% BY CITY OF PETALUMA		R								
36.8	HE13	WIDEN AND IMPROVE ROAD	88TIP	C			1609	1609				
0817A	119280		CITY	T			1609	1609				
116	04	ADOBE ROAD TO ARNOLD DRIVE	T1	P	70	11		81				
41.8				R								
44.8	HA22	ROADWAY RECONSTRUCTION	88TIP	C	692	113			805			
0820	121910		F	T	762	124		81	805			
121	04	0.2 M W OF NAPA RD TO 0.3 M E OF	T1	P								
10.3	C/O	NAPA CL, NAPA 121 0.0/0.3		R	142	16		158				
11.6	HB1	REALGN I/S CHANNELIZE EB PASS LANE	88TIP	C	2203	245		2448				
0822A	118071		HES	T	2345	261		2606				
128	04	GEYSERS RD TO ALEXANDER VALLEY RD	T1	P	93	15		108				
9.5				R								
11.5	HA22	ROADWAY RECONSTRUCTION	88TIP	C	931	151			1082			
0823A	CQJ121		F	T	1024	166		108	1082			
128	04	ALEXANDER VALLEY RD TO MAACAMA CRK	T1	P								
11.5	C/O			R								
17.3	HA22	A.C. OVERLAY	88TIP	C	1307	213		1520				
0828	116321		F	T	1307	213		1520				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
L5705	04	AT FORT ROSS MAINTENANCE STATION	T1	P								
.0				R								
.0	HA11	RECONSTRUCT EQUIPMENT & STORAGE BLG	88TIP	C							392	
0751	HA1218		STA	T							392	
L5732	04	IN SANTA ROSA NEAR NINTH ST UC	T1	P								
.0		SANTA ROSA MAINT STA		R								
.0	HA12	EXPAND STATION (CREW & FUEL)	88TIP	C						896		
0791	207761		STA	T						896		
999	04	LUMP SUM MINOR PROGRAM		P								
.0				R								
.0			FED	C	400	100		250	250	250	250	250
0407DB	LUMPSUM		BR	T	400	100		250	250	250	250	250
				P								
				R								
				C	860	140		500	500	500	500	500
			F	T	860	140		500	500	500	500	500
				P								
				R								
				C	430	70		250	250	250	250	250
			FAUS	T	430	70		250	250	250	250	250
				P								
				R								
				C	430	70		250	250	250	250	250
			FAU8	T	430	70		250	250	250	250	250

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	AC TRANSIT	**********									
0810	BUS PRIORITY FACILITIES & EQUIPMENT	FAUL	P	3		1	4				
1	ST GEOMETRIC CHANGES & SIGNAL PRE-		R								
	EMPTION EQUIPMENT		C	203		33	236				
			T	206		34	240				
**********	BART	**********									
0835	BUS WAY MODIFICATIONS AT BAYFAIR	FAUL	P								
1	STATION		R								
			C	400		65	465				
			T	400		65	465				
**********	DUBLIN	**********									
0860	AMADOR PLAZA RD @ AMADOR VALLEY	FAUL	P								
3	BLVD & VILLAGE PARKWAY @ LEWIS AVE,		R								
	SIGNALS & INTERCONNECTION		C	271		44		315			
			T	271		44		315			
0860	SAN RAMON RD FROM SIVERGATE DR TO	FAUL	P								
2	VOMAC RD		R								
	RECONSTRUCTION		C	500		81	581				
			T	500		81	581				
0860	SAN RAMON RD FROM VOMAC RD TO	FAUL	P								
1	ALCOSTA BLVD		R								
	WIDEN		C	500		81	581				
			T	500		81	581				

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 $	89/90 $	90/91 $	91/92 $	92/93 $
**********	FREMONT	**********									
0880	MOWRY AVE FROM FARWELL DR TO RTE	FAUX	P								
3	880		R								
	WIDEN & SIGNAL MODIFY AT FARWELL DR		C	352		37	389				
			T	352		37	389				
0880	MOWRY AVE FROM PARKSIDE DR TO	FAUL	P								
2	PERALTA BLVD		R	516		84	600				
	IMPROVE 6 LN FACILITY		C	568		92	660				
			T	1084		176	1260				
**********	HAYWARD	**********									
0890	D ST FROM GRAND AVE TO SECOND ST,	FAUL	P								
1	WIDEN TO 4LNS, REALIGN INTERSCTION		R	763		124	887				
	MAIN ST/FOOTHILL BLVD/D ST		C	1290		210	1500				
			T	2053		334	2387				
0890	D ST FROM GRAND ST TO WINTON AVE &	FAUX	P								
ALA1	SOTO RD, CONST 4LNS & CLASS II BIKE		R			2200	2200				
	FACILITIES/ACCESS HAYWRD BART		C								
	** 2200 MAX FAU **		T			2200	2200				
		LOC	P								
			R			2006	2006				
			C			3011	3011				
			T			5017	5017				

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	HAYWARD	**********									
0890	WEST "A" ST FROM RTE 880 TO	FAUL	P	117		19	136				
3	HESPERIAN BLVD		R	688		112	800				
	RESURFACE		C	1169		190	1359				
			T	1974		321	2295				
**********	LIVERMORE	**********									
0900	EAST AVE @ MAPLE ST	FAUL	P								
3			R								
	SIGNALS		C						88		
			T						88		
0900	FOURTH ST @ SOUTH "P" ST	FAUL	P								
4			R								
	SIGNALS		C						88		
			T						88		
0900	KITTY HAWK RD FROM AIRWAY BLVD TO	FAUL	P								
1	1100' S OF AIRWAY BLVD		R								
	WIDEN		C	280		46	326				
			T	280		46	326				
0900	LAS POSITAS BLVD @ MURRIETTA BLVD	FAUL	P								
2			R								
	SIGNALS		C						88		
			T						88		

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AGENCY # / PPNO / PRIORITY / C/O (1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT	FED	STA	LOCAL	88/89 $'s	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
**********	NEWARK	**********									
0910	MAYHEWS LANDING RD AND SYCAMORE ST	FAUL	P								
3			R	47		8		55			
	INTERSECTION REALIGNMENT		C	503		82		585			
			T	550		90		640			
0910	SYCAMORE ST FROM MAYHEWS LANDING RD	FAUL	P								
2	TO THORTON AVE		R								
	WIDENING & RECONSTRUCTION		C	473		77		550			
			T	473		77		550			
0910	THORTON AVE FROM CEDAR BLVD TO	FAUL	P								
1	2,000' S FO DUMBRTON FWY		R								
	WIDEN & IMPROVEMENTS		C	500		81	581				
			T	500		81	581				
**********	OAKLAND	**********									
* 0920	E OAKLAND CROSS TOWN, UNIT 5, FROM	FAUL	P	378		62	440				
ALA6	MACARTHUR BLVD TO SEMINARY AVE	IGR	R								
7	RECONSTRUCT TO 4 LNS DIVIDED		C								
	** AC TRANSIT RTE **		T	378		62	440				
0920	GRAND AVE FROM BROADWAY TO HARRISON	FAUL	P	81		13	94				
ALA5	ST		R								
6	RECONSTRUCT TO 6 LNS DIVIDED		C								
	** AC TRANSIT RTE **		T	81		13	94				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL, AS DISCUSSED IN SECTION VI, IGR

	AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
	**********	OAKLAND	**********									
*	0920	98TH AVE FROM E ST TO N/O MACARTHUR	FAUL	P	409		66	475				
	ALA3	BLVD	IGR	R	828		135		963			
	3	RECONSTRUCT TO 4 LNS		C							4364	
		** AC TRANSIT RTE **		T	1237		201	475	963		4364	
*	0920	98TH AVE FROM N/O MACARTHUR BLVD TO	FAUL	P	359		59	418				
	ALA4	MACARTHUR FWY (RTE 580)	IGR	R								
	5	RECONSTRUCT TO 4 LNS DIVIDED		C								
				T	359		59	418				
*	0920	98TH AVE FROM RTE 880 TO E ST	FAUL	P	593		97	690				
	ALA1		IGR	R	3331		542	3873				
	1	RECONSTRUCT TO 4 LNS DIVIDED		C	4248		691	4939				
		** AC TRANSIT RTE **		T	8172		1330	9502				
	**********	PLEASANTON	**********									
	0940	HOPYARD RD FROM VALLEY AVE TO BLACK	FAUL	P								
	2	AVE		R								
		WIDEN TO 4LNS		C	241		39	280				
				T	241		39	280				
	**********	SAN LEANDRO	**********									
	0950	BEATRICE ST & WASHINGTON AVE,	FAUL	P								
	3			R	420		68		488			
		WIDEN & INTERSECTION IMPROVEMENTS		C	379		62		441			
				T	799		130		929			

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AGENCY # / PPNO / PRIORITY / C/O (1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN LEANDRO	**********								
0950	HESPERIAN BLVD FROM 150TH AVE TO	FAUL	P							
1	RTE 238,		R							
	RESURFACE & ROADWAY IMPROVEMENTS		C	490	80	570				
			T	490	80	570				
0950	MARINA BLVD FROM DOOLITTLE DR TO	FAUL	P							
2	MERCED ST,		R	390	63		453			
	WIDENING		C	791	129		920			
			T	1181	192		1373			
**********	UNION CITY	**********								
0960	ALVARADO BLVD FROM HOMER ST TO DYER	FAUL	P							
1	ST, MODIFY BR/FLOOD CONTROL CHANNEL		R							
	& STREET IMPROVEMENTS		C	1090	177	1267				
			T	1090	177	1267				
0960	BUS PASSENGER SHELTERS & AMENITIES	FAUL	P							
2	FOR UNION CITY "FLEA"		R							
			C	38	6	44				
			T	38	6	44				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	ANTIOCH	**********									
1010	EAST 18TH ST FROM A ST TO CAVALLO	FAUX	P			52	52				
1	RD		R	42		4	46				
	WIDEN		C	293		71	364				
			T	335		127	462				
**********	CENTRAL CC TRANSIT AGENCY	**********									
1030	YGNACIO VALLEY RD	FAUX	P			3	3				
1			R	21		4	25				
	BUS TURNOUTS		C	47		7	54				
			T	68		14	82				
**********	CLAYTON	**********									
1040	CLAYTON RD FROM EL CAMINO TO MT	FAUX	P			67	67				
1	ZION		R	68		10	78				
	WIDEN		C	1008		306	1314				
			T	1076		383	1459				
**********	CONCORD	**********									
1050	MONUMENT RD AT OAK GROVE	FAUX	P			167	167				
1			R	179		414	593				
	IMPROVE INTERSECTION		C	1567		281	1848				
			T	1746		862	2608				
**********	COUNTY OF CONTRA COSTA	**********									
1060	APPIAN WAY FROM SAN PABLO DAM RD TO	FAUX	P			130	130				
1	SOBRANTE AVE		R	446		72	518				
	WIDEN		C	1054		172	1226				
			T	1500		374	1874				

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	COUNTY OF CONTRA COSTA	**********									
1060	BAILEY RD FROM CANAL RD TO 1300' N	FAUX	P			35	35				
4			R	15		2	17				
	WIDEN		C	407		97	504				
			T	422		134	556				
* 1060	OLYMPIC BLVD RTE 680 TO TICE VALLEY	FAUX	P			136	136				
2	BLVD	IGR	R	285		46	331				
	WIDEN		C	1249		237	1486				
			T	1534		419	1953				
1060	WILLOW PASS RD FROM BAILEY RD TO	FAUX	P			151	151				
3	PT CHICAGO		R	210		34	244				
	WIDEN		C	941		129	1070				
			T	1151		314	1465				
**********	DANVILLE	**********									
1070	EL CERRO BLVD FROM LA GONDA TO	FAUX	P			124	124				
1	DANVILLE BLVD		R								
	CONST BRIDGE & RD		C	1539		237	1776				
			T	1539		361	1900				
**********	PLEASANT HILL	**********									
1150	MONUMENT/BURSKIRK AVE.	FAUX	P			144	144				
1	INTERSECTIONS MODIFICATIONS		R	722		116	838				
			C	1032		167	1199				
			T	1754		427	2181				

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**********	WALNUT CREEK	**********									
1190	BANCROFT RD FROM YGNACIO VALLEY RD	FAUX	P			281	281				
1	TO MINERT		R	440		72	512				
	WIDEN		C	1910		827	2737				
			T	2350		1180	3530				
1190	OAK RD FROM TREAT TO WALDEN RD	FAUX	P			138	138				
2			R	387		63	450				
	WIDEN		C	1136		252	1388				
			T	1523		453	1976				

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT	FED	STA	LOCAL	88/89 $	89/90 $	90/91 $	91/92 $	92/93 $
**********	COUNTY OF MARIN	**********									
1221	REDWOOD FRONTAGE RD AT SEMINARY DR	FAUL	P								
2			R								
	SIGNALS AND CHANNELIZE		C	134		22	156				
C/O			T	134		22	156				
1221	SIR FRANCIS DRAKE BLVD AT BON AIR,	FAUL	P								
1	WOLFE GRADE/LAUREL GROVE/COLLEGE		R								
	NEW CONTROLLERS & UPGRADE		C	402		65	467				
			T	402		65	467				
1221	SIR FRANCIS DRAKE BLVD FROM 800' W	FAUL	P								
3	OF FAIRFAX LIMITS TO OLEMA RD		R								
	RECONSTRUCTION		C	438		71	509				
	** IN COOP W/FAIRFAX **		T	438		71	509				
1221	SIR FRANCIS DRAKE/ANDERSEN DR	FAUL	P								
4	(PHASE II)		R								
	INTERSECTION IMPROVEMENTS		C								329
	** IN COOP WITH SAN RAFAEL **		T								329
**********	GGBHTD	**********									
1235	ANDERSEN DR, SAN RAFAEL PARK & RIDE	FAUL	P								
2	LOT, CONST 50-100 STALL PARKING LOT		R								
	OWNED BY THE DISTRICT		C	95		15		110			
			T	95		15		110			

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**********	GGBHTD	**********									
1235	BUS STOP AND STREET IMPROVEMENTS	FAUL	P								
1	PHASE I, 24 LOCATIONS		R								
			C	269		44	313				
C/O			T	269		44	313				
1235	BUS STOP IMPROVEMENTS PHASE II, SIR	FAUL	P								
3	FRANCIS DRAKE BLVD & COLLEGE BLVD,		R								
	TURNOUTS & REPLACE BUS SHELTERS		C							383	
			T							383	
1235	FERRY TERMINAL IMPROVEMENTS	FAUL	P								
4	(TICKET MACHINES)		R								
			C								329
			T								329
**********	NOVATO	**********									
1256	S NOVATO BLVD FROM ROWLAND DR TO	FAUX	P								
2	YUKON WY, (PHASE 1)		R								
	WIDEN FOR LT TURN LANES		C							1379	
			T							1379	
1256	S NOVATO BLVD FROM WARNER CREEK TO	FAUL	P								
1	0.5 MI N OF YUKON WY, RECONST 2LNS,		R								
	LT TURN LNS & SIDEWALK(PHASE 2)		C						671		
			T						671		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

AGENCY # / PPNO / PRIORITY / C/O ($1,000) / ** AQMP/TSM AND/OR REG COMMENTS **	PROJECT DESCRIPTION	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN RAFAEL	**********									
1277	VARIOUS LOCATIONS	FAUL	P								
1			R								
	SIGNAL IMPROVEMENTS		C							670	
			T							670	
**********	TIBURON	**********									
1291	TIBURON BOULEVARD FROM BEACH ROAD	FAUL	P								
1	TO MAR WEST - PHASE II		R								
	RECONSTRUCTION		C	537		87	624				
			T	537		87	624				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF NAPA

AGENCY # / PPNO / PRIORITY / C/O / ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT	FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	COUNTY OF NAPA	**********									
1320	AMERICAN CANYON ROAD	FAUX	P			7	7				
1			R								
	INTERSECTION IMPROVEMENTS		C		120	18	138				
C/O			T		120	25	145				
**********	NAPA	**********									
1330	ELIGIBLE FAU ROUTES	FAUX	P								
1			R								
	ASPHALT OVERLAY PROGRAM		C		822		822				
			T		822		822				
	ELIGIBLE FAU ROUTES	FAUL	P								
			R								
	ASPHALT OVERLAY PROGRAM		C		1415	230	1645				
C/O			T		1415	230	1645				

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********** SAN FRANCISCO	**********									
1460 17 ALEMANY BLVD FROM SAN JOSE AVE TO MISSION ST RESURFACING	FAUL	P R C	656		107	763				
** 87/88 **		T	656		107	763				
	LOC	P R C			72	72				
		T			72	72				
1460 32 ARMY ST FROM POTRERO AVE TO SAN JOSE AVE, RESURFACING	FAUL	P R C							483	
		T							483	
	LOC	P R C							46	
		T							46	
1460 33 ARMY ST FROM 3RD ST TO BAYSHORE BLVD RESURFACING	FAUL	P R C							402	
		T							402	

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*********	SAN FRANCISCO	*********									
1460	ARMY ST FROM 3RD ST TO BAYSHORE	LOC	P							39	
33	BLVD		R								
	RESURFACING		C								
			T							39	
1460	BALBOA ST FROM GREAT HIGHWAY TO	FAUL	P								
25	ARGUELLO BLVD		R								
	RESURFACING		C								1552
			T								1552
		LOC	P								140
			R								
			C								158
			T								298
1460	BROADWAY FROM SANSOME ST TO WEBSTER	FAUL	P								
16	ST		R								
	RESURFACING		C	774		126	900				
	** 87/88 **		T	774		126	900				
		LOC	P			88	88				
			R								
			C								
			T			88	88				

AGENCY # / PRNO / PRIORITY / C/O ($1,000) / ** AQMP/TSM AND/OR REG COMMENTS **	PROJECT DESCRIPTION	FUND PROJTYPE	BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********								
1460 11	BUSH ST FROM BATTERY ST TO PRESIDO AVE, RESURFACING	FAUL	P R C T	464 464		75 75	539 539			
		LOC	P R C T			51 51	51 51			
1460 12	DOLORES ST FROM ARMY ST TO MARKET ST RESURFACING ** 87/88 **	FAUL	P R C T	690 690		112 112	802 802			
		LOC	P R C T			72 72	72 72			
1460 10	DOLORES ST FROM ARMY ST TO SAN JOSE AVE, RESURFACING	FAUL	P R C T	228 228		37 37	265 265			

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********									
1460	DOLORES ST FROM ARMY ST TO SAN JOSE	LOC	P								
10	AVE,		R								
	RESURFACING		C								
			T			25	25				
1460	DUBOCE PORTAL IMPROVEMENTS	FAUL	P								
5			R								
			C	93		15	108				
	** 87/88 **		T	93		15	108				
		LOC	P								
			R								
			C								
			T			12	12				
1460	EMBARCADERO, KING & BERRY	FAUL	P								
9			R								
	ROADWAY CONSTRUCTION		C	1004		163		1167			
			T	1004		163		1167			
1460	GILMAN AVE FROM 3RD ST TO HUNTERS	FAUL	P								
20	POINT EXPRESSWAY		R								
3	RESURFACING		C							521	
			T							521	

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT FED STA LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********						
1460 20 3	GILMAN AVE FROM 3RD ST TO HUNTERS POINT EXPRESSWAY RESURFACING	LOC	P R C T				49 49	
1460 31	HAIGHT ST FROM STANYAN AVE TO MARKET ST, RESURFACING	FAUL	P R C T			660 660		
		LOC	P R C T			62 62		
1460 21	HUNTERS POINT EXPRESSWAY FROM JAMESTOWN AVE TO GILMAN AVE RESURFACING	FAUL	P R C T				400 400	
		LOC	P R C T				37 37	

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**********	SAN FRANCISCO	**********									
1460 610A	I-280 NEAR ISLAIS CREEK	FAUX	P								
			R								
	CONSTRUCT NEW INTERCHANGE		C	2401			1800	601			
	** 87/88 **		T	2401			1800	601			
1460 19	JAMESTOWN AVE FROM HUNTERS POINT EXPRESSWAY TO HARNEY WAY	FAUL	P								
			R								
	RESURFACING		C						246		
			T						246		
		LOC	P						23		
			R								
			C								
			T						23		
1460 1	LAKE MERCED BLVD FROM BROTHERHOOD WY TO JOHN DALY BLVD	FAUL	P								
			R								
	RESURFACING		C	208		34	242				
	** 87/88 **		T	208		34	242				
		LOC	P			22	22				
			R								
			C								
			T			22	22				

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AGENCY # PPNO PRIORITY C/O ($1,000)	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********								
1460 30	LAKE ST FROM ARGUELLO BLVD TO 14TH AVE, RESURFACING	FAUL	P							
			R							
			C	554		90		644		
			T	554		90		644		
		LOC	P			61		61		
			R							
			C							
			T			61		61		
1460 23	LINCOLN WAY FROM ARGUELLO BLVD TO 9TH AVE, RESURFACING	FAUL	P							
			R							
			C	223		36		259		
			T	223		36		259		
		LOC	P			25		25		
			R							
			C							
			T			25		25		
1460 22	MASONIC AVE FROM PRESIDIO AVE TO FREDERIC ST, RESURFACING	FAUL	P							
			R							
			C	452		73		525		
** 88/89 **			T	452		73		525		

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**********	SAN FRANCISCO	**********									
1460	MASONIC AVE FROM PRESIDIO AVE TO	LOC	P			52		52			
22	FREDERIC ST,		R								
	RESURFACING		C								
	** 88/89 **		T			52		52			
1460	MUNI STORAGE & MAINTENANCE FACILITY	FAUL	P	496		81	440	137	153	152	152
6	EXPANSION, REHABILITATION &		R								
	IMPROVEMENTS		C	4857		791	4416	1232	1371	1365	1362
	** 87/88 **		T	5353		872	4856	1369	1524	1517	1514
1460	OAKDALE AVE FROM 3RD ST TO BAYSHORE	FAUL	P								
14	FWY,		R								
	RESURFACING		C	262		43	305				
			T	262		43	305				
		LOC	P			29	29				
			R								
			C								
			T			29	29				
1460	OCEAN AVE FROM MISSION ST TO 19TH	FAUL	P								
28	AVE		R								
	RESURFACING		C								841
			T								841

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AGENCY # / PPNO / PRIORITY / C/O ($1,000) / ** AQMP/TSM AND/OR REG COMMENTS **	PROJECT DESCRIPTION	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********									
1460 28	OCEAN AVE FROM MISSION ST TO 19TH AVE RESURFACING	LOC	P R C T								60 60
1460 26	PRESIDIO AVE FROM PACIFIC AVE TO GEARY BLVD, RESURFACING	FAUL	P R C T	189 189		31 31		220 220			
		LOC	P R C T			21 21		21 21			
1460 29	SAN JOSE AVE FROM GENEVA AVE TO SAGAMORE ST, RESURFACING	FAUL	P R C T						334 334		
		LOC	P R C T						32 32		

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AGENCY # / PPNO / PRIORITY / C/O ($1,000) / PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
********** SAN FRANCISCO	**********									
1460 / 15 / SAN JOSE AVE FROM RANDALL AVE TO GENEVA AVE, RESURFACING	FAUL	P								
		R								
		C	599		98	697				
		T	599		98	697				
	LOC	P			63	63				
		R								
		C								
		T			63	63				
1460 / 24 / STANYAN ST FROM OAK ST TO GRATTAN ST, RESURFACING	FAUL	P								
		R								
		C	134		22		156			
		T	134		22		156			
	LOC	P			15		15			
		R								
		C								
		T			15		15			
1460 / 7 / STOCKTON ST TRANSIT STOP MODIFICATIONS	FAUL	P								
		R								
		C	175		28	203				
** 87/88 **		T	175		28	203				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

AGENCY # / PPNO / PRIORITY / C/O ($1,000) / PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT	FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
********** SAN FRANCISCO	**********									
1460 7 STOCKTON ST TRANSIT STOP MODIFICATIONS	LOC	P R C T			23	23				
** 87/88 **					23	23				
1460 3 VARIOUS LOCATIONS PEDESTRIAN/TRANSIT PROJECT	FAUL	P R C T	6 57 63		1 9 10	7 66 73				
1460 3. VARIOUS LOCATIONS PEDISTRIAN/TRANSIT PROJECT	FAUL	P R C T	6 57 63		1 9 10	7 66 73				
** 88/89 **										
1460 18 VARIOUS LOCATIONS RESURFACING	FAUL	P R C T	97 97		16 16	55 55	58 58			
	LOC	P R C T			14 14	6 6	8 8			

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AGENCY # PPNO PRIORITY C/O ($1,000)	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********									
1460 4	VARIOUS LOCATIONS	FAU	P R								
	SIGNAL PRE-EMPTIONS		C	104			104				
	** 87/88 **		T	104			104				
		LOC	P R C			10	10				
			T			10	10				
1460 8	VARIOUS LOCATIONS	FAUL	P R								
	SIGNALS		C	753		123	584	292	264	220	240
	** 87/88 **		T	753		123	584	292	264	220	240
		LOC	P R C			96	64	32	29	25	26
			T			96	64	32	29	25	26
1460 2	VARIOUS LOCATIONS	FAUL	P R								
	WHEELCHAIR RAMPS		C	200		32	116	116	117	116	116
	** 88/89 **		T	200		32	116	116	117	116	116

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AGENCY # PPNO PRIORITY C/O ($1,000)	PROJECT DESCRIPTION	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
	** AQMP/TSM AND/OR REG COMMENTS **										
**********	SAN FRANCISCO	**********									
1460 2	VARIOUS LOCATIONS	LOC	P			24	12	12	12	12	12
	WHEELCHAIR RAMPS		R								
	** 88/89 **		C								
			T			24	12	12	12	12	12
1460 13	24TH ST FROM CASTRO ST TO POTRERO AVE	FAUL	P								
	RESURFACING		R								
	** 87/88 **		C	390		64	454				
			T	390		64	454				
		LOC	P			43	43				
			R								
			C								
			T			43	43				
1460 27	3RD ST FROM ARMY ST TO GILMAN AVE	FAUL	P								
	RESURFACING		R								
			C						1123		
			T						1123		
		LOC	P						102		
			R								
			C								
			T						102		

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN FRANCISCO	**********								
1460	3RD ST FROM 16TH ST TO ARMY ST	FAUL	P							
34			R							
	RESURFACING		C						610	
			T						610	
		LOC	P						57	
			R							
			C							
			T						57	

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	BURLINGAME	**********									
1540	AIRPORT BLVD @ ANZA BLVD	FAUL	P								
1			R								
	SIGNAL		C	226		37	263				
			T	226		37	263				
1540	BAYSHORE BLVD. AT HYATT HOTEL	FAUL	P								
2			R								
	ON RAMP TO ROUTE 101		C	843		137	980				
			T	843		137	980				
**********	DALY CITY	**********									
1570	I-280/SERRAMONTE	FAUL	P								
2			R								
	SIGNALIZATION		C	900		147	1047				
			T	900		147	1047				
1570	JOHN DALY BLVD AT SHELFIELD DR	FAUL	P								
1	(D005)		R								
	SIGNAL MODIFICATION		C							228	
			T							228	
1570	LAKE MERCED BLVD AT SO MAYFAIR AVE	FAUL	P								
D053	(D053)		R								
	SIGNAL MODIFICATION		C							345	

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE	BIENNIAL ELEMENT	FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	FOSTER CITY	**********									
1590	EAST THIRD AVE FROM EAST LINCOLN	FAUL	P								
D444	CENTER TO RTE 92 (D444)	IGR	R								
	WIDEN		C	1265		206	1471				
			T	1265		206	1471				
**********	MILBRAE	**********									
1630	MILBRAE AVE @ OLD BAYSHORE	FAUL	P								
2			R								
	SIGNAL MODIFICATION		C							585	
			T							585	
1630	RTE 82 @ SILVA AVE	FAUL	P								
1			R								
	SIGNAL		C	161		26	187				
	** MINOR PROJECT **		T	161		26	187				
**********	REDWOOD CITY	**********									
1660	CHESTNUT AVENUE	FAUL	P								
2	S.R. 82 TO VETERAN'S BLVD		R								
	WIDEN		C	2405		392	2797				
			T	2405		392	2797				
1660	EAST BAYSHORE RD AT	FAUL	P								
1	SEAPORT BLVD (D347)		R								
	REALIGN/SIGNALS		C	409		66	475				
			T	409		66	475				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SAN MATEO	**********									
1690		FAUL	P								
1			R								
	DOWNTOWN TRAFFIC SIGNALS		C	628		102		730			
			T	628		102		730			
1690	DELAWARE ST EXT FROM 25TH AVE TO	FAUX	P								
D373	PACIFIC		R								
	NEW ROADWAY		C	1753		776		2529			
			T	1753		776		2529			
		LOC	P								
			R			7817		7817			
			C								
			T			7817		7817			
**********	SO. SAN FRANCISCO	**********									
1700	MISSION RD FROM GRAND AVE TO OAK	FAUL	P								
1	D585		R								
	WIDEN		C							315	
			T							315	
**********	TRANSIT/TRANSIT	**********									
1710	VARIOUS LOCATIONS	FAUL	P								
1			R								
	TRANSIT RELATED		C	1557		254		1811	840	837	835
			T	1557		254		1811	840	837	835

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL, AS DISCUSSED IN SECTION VI, IGR

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	COUNTY OF SANTA CLARA	**********									
1820	CAR POOLING PROGRAM ADMINISTRATRION	FAUL	P	517		84	300	301	302	300	299
3			R								
			C								
			T	517		84	300	301	302	300	299
1820	VARIOUS LOCATIONS	FAUL	P	198		32	70	160	41	160	159
2		IGR	R								
	COMMUTER LANE DEVELOPMENT		C	1109		181	370	920	241	920	918
			T	1307		213	440	1080	282	1080	1077
1820	VARIOUS LOCATIONS	FAUL	P	17		3	10	10	10	11	10
4			R	17		3	10	10	10	11	10
	EXPRESSWAY SIGNAL SYNCHRONIZATION		C	139		23	82	80	80	80	80
			T	173		29	102	100	100	102	100
**********	SAN JOSE	**********									
1930	VARIOUS INTERSECTIONS WITHIN CITY	FAUL	P	155		25	100	80	60	176	176
2	COMPREHENSIVE SIGNAL PROJECTS		R	155		25	100	80	60	176	176
	SIGNALIZATION		C	938		153	600	491	300	1051	1059
			T	1248		203	800	651	420	1403	1411
**********	SAN JOSE	**********									
1930	VARIOUS LOCATIONS COMPREHENSIVE	FAUL	P	138		23	81	80		150	150
1	OVERLAY PROJECT		R								
			C	1248		203	729	722		1350	1347
			T	1386		226	810	802		1500	1497

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AGENCY # / PPNO / PRIORITY / C/O ($1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	DIXON	**********									
2030	NORTH ADAMS ST. INTERSECTION WITH	FAUX	P			15	15				
2	WEST H STREET		R			25	25				
	INSTALL TRAFFIC SIGNAL & APPURTENAN		C		81	93	174				
C/O			T		81	133	214				
2030	PITT SCHOOL ROAD INTERSECTION WITH	FAUX	P			13	13				
1	WEST H STREET		R								
	INSTALL TRAFFIC SIGNAL & APPURTENAN		C		83	42	125				
C/O			T		83	55	138				
**********	FAIRFIELD	**********									
2040	AIRBASE PARKWAY FROM HEATH DR TO	FAUL	P	134		22	156				
1	PEABODY RD		R								
	RECONSTRUCTION		C	1342		218	1560				
			T	1476		240	1716				
**********	SUISUN CITY	**********									
2060	LOUISIANA FROM MAIN ST. TO MARINA	FAUL	P								
3	BLVD		R								
	RECONSTRUCT		C	371		60	431				
			T	371		60	431				
2060	RAILROAD AVE. MAIN ST TO MARINA BLV	FAU	P								
1			R						163		
	CONSTRUCTION		C						565		
			T						728		

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AGENCY # / PPNO / PRIORITY / C/O (1,000)	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SUISUN CITY	**********									
2060	SUNSET AVE. FROM STREAM CHANNEL TO	FAU	P								
2	SPRR		R								
	WIDENING		C							377	
			T							377	
**********	VACAVILLE	**********									
2070	ELMIRA RD FROM NUT TREE RD TO	FAUX	P								
1	LEISURE TOWN RD		R								
	RECONSTRUCTION		C						828		
			T						828		
**********	VALLEJO	**********									
2080	I-80 EAST OF REDWOOD STREET	FAUX	P			62	62				
2			R	492		80	572				
	CONSTRUCT NEW W/B ON/OFF RAMPS		C	581		95	676				
C/O			T	1073		237	1310				
2080	VARIOUS FAU ROUTES	FAUX	P								
1			R								
	PAVEMENT OVERLAY		C	671		109	780				
C/O			T	671		109	780				
2080	WILSON AVE FROM FARRAGUT STREET TO	FAUX	P								
3	SR 37		R						3794		
	WIDEN TO FOUR LANE CONVENTIONAL		C						3348		
			T						7142		

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

AGENCY # / PPNO / PRIORITY / C/O **	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 $'s	89/90 $'s	90/91 $'s	91/92 $'s	92/93 $'s
**********	COTATI	**********									
2120	RTE 116 SIGNAL AT REDWOOD DRIVE, IN	FAUX	P	15		15	30				
1	CONJUNCTION W/OTHER CALTRANS		R								
	PROJECTS IN THAT LOCATION		C	100			100				
			T	115		15	130				
**********	COUNTY OF SONOMA	**********									
2130	ARNOLD DRIVE	RSL	P								
2	PETALUMA AVE TO CRAIG AVE		R								
	UPGRADE W/SHOULDERS AND CHANNEL		C	860		140	1000				
			T	860		140	1000				
2130	ARNOLD DRIVE AT LEVARONI	RS	P								
1			R								
	SIGNALS ONLY		C	100			100				
			T	100			100				
**********	PETALUMA	**********									
2150	EAST D ST FROM PETALUMA BLVD TO	FAUL	P								
1	PAYRAN ST		R								
	OVERLAY		C	335		55	390				
			T	335		55	390				
**********	SANTA ROSA	**********									
2170	HEARN AVE IMPROVEMENTS FROM RTE 101	FAUL	P								
2	TO SANTA ROSA AVE AT YOLANDA		R								
	CONSTRUCT NB ON-OFF RAMPS/RECONST		C	945		154	1099				
			T	945		154	1099				

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

AGENCY # / PPNO / PRIORITY / C/O ##	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	FUND PROJTYPE		BIENNIAL ELEMENT FED	STA	LOCAL	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
**********	SANTA ROSA	**********									
2170	MARLOW RD FROM W COLLEGE AVE TO	FAUL	P								
1	GUERNEVILLE, PHASE 1		R								
	RECONSTRUCT		C	790		129	919				
			T	790		129	919				

Federal Demonstration Projects

The following list includes the five demonstration projects of Section 149(a) in the 1987 Surface Transportation Assistance Act adopted in April 1987. Technical amendments to H.R. 2 may modify the project definitions given below.

HR 2 Demonstration Projects in MTC Region

($, Millions)

Project HR 2 Citation Sec.149(a)	Federal 50% Demo.	Federal 30 % Discretionary	State/ 20% Local	Total
*Route 237, San Jose (13)"... in the vicinity of San Jose and Santa Clara, Ca., for the purpose of demonstrating a unified method of reducing traffic congestion on a Federal-aid urban highway with 2 other Federal aid urban highways and a railroad crossing in a 1/4 mile segment of such highway."	$14.5	$ 8.7	$ 5.8	$29.0
Stony Point, Sonoma Co. (41)(A)"... highway project for the purpose of demonstrating the extent to which traffic is relieved by reconstruction of a north-south arterial which (i) connects Santa Rosa, Ca., and Petaluma, Ca., (ii) is parallel to a major north-south segment of the Federal-aid primary system, and (iii) serves as an alternative for traffic between such cities."	5.25	3.15	2.1	10.5
NWP right-of-way to San Rafael to Healdsburg, (41)(B)"... highway project for the purpose of demonstrating the extent to which traffic congestion is relieved on the major north-south segment of the Federal-aid primary system described in subparagraph (A) by construction of high occupancy vehicle lanes along a right-of-way which is parallel to such segment and connects San Rafael, Ca., and Healdsburg, Ca."	12.0	7.2	4.8	24.0
Route 4 lower grade, Concord (57)"...highway project between Concord, Ca., West Pittsburg, Ca., for the purpose of demonstrating methods of improving highway safety and traffic flow by lowering the grade of, realigning, and widening an existing highway on the Federal-aid primary system."	2.0	1.2	0.8	4.0
Airport Access from Alameda Island (71)"...to demonstrate methods of improving access to, and alleviating congestion on, a north-south route designated as part of the Interstate System under under section 139 of title 23, United States code, and its access roads, including access roads from Oakland International Airport and Alameda Island, Ca., to such interstate route."	4.0	2.4	1.6	8.0

*Project is included in the 1988 STIP as Project # 0490A
11/15/88 (TIP DemoList)

Interstate Transfer Program

INTERSTATE TRANSFER PROGRAM

The Interstate Transfer Program includes a variety of highway and transit projects and transportation system management (TSM) projects developed through the Interstate Transfer Concept Program. The projects will be financed with Interstate Substitution Funds resulting from the withdrawal of a segment of Interstate Route 280 in San Francisco. The projects listed below were amended into the FY 1986-91 Transportation Improvement Program under amendment number 86-19 dated July 23, 1986. The federal Interstate Substitution funds were programmed for the initiation of these projects during the 1985-86 fiscal year, but the projects have been reprogrammed as shown below to reflect project implementation more realistically. Interstate funds remain at approved level. Non-federal funds have been increased to new escalated totals.

All cost figures in thousands

		Biennial Element				
LEAD AGENCY: CALTRANS						
CATEGORY: Interstate Substitution						
PROJECT: (*) I-280 TOUCHDOWN -		88-89	89-90	90-91	91-92	92-93
Demolition of existing stub						
back to 6th Street and	Federal	835	876		17,096	
construction of new ramps	State	187	196		3,827	
	Local	276	288	1,221	5,640	
REMARKS: Local share from private						
sources	Total	1,298	1,360	1,221	26,563	0
	5-yr Tot					30,442
LEAD AGENCY: SAN FRANCISCO DPW		Biennial Element				
CATEGORY: Interstate Substitution						
PROJECT: (*) EMBARCADERO ROADWAY -		88-89	89-90	90-91	91-92	92-93
Reconstruction from Harrison						
Street southerly to new I-280	Federal	724	761		14,847	
touchdown ramps	Local	197	207	17,836	4,045	
	Total	921	968	17,836	18,892	0
	5-yr Tot					38,617
LEAD AGENCY: SAN FRANCISCO DPW/PUC		Biennial Element				
CATEGORY: Interstate Substitution						
PROJECT: (*) EMBARCADERO ROADWAY -		88-89	89-90	90-91	91-92	92-93
Reconstruction from Harrison						
Street north to North Point	Federal	933	979		19,121	
Street	Local	255	267	1,161	5,211	
REMARKS: Includes environmental impact						
assessment work for Muni's	Total	1,188	1,246	1,161	24,332	0
F-Line Embarcadero Extension	5-yr Tot					27,927

(*) Requires MTC project review/grant application approval.

280trns6.wk1

All cost figures in thousands

LEAD AGENCY: SAN FRANCISCO PUC CATEGORY: Interstate Substitution		Annual Element				
PROJECT: (*) S.F. MUNI METRO - Extension from the proposed Muni Metro turnaround to the CalTrain Depot		88-89	89-90	90-91	91-92	92-93
	Federal	2,534	334	20,479		
REMARKS: Annual Element includes $1.512 m for preliminary engineering, with $1.236 in federal funds	Local	627	75	10,515		
	Total	3,161	409	30,994	0	0
	5-Yr Tot					34,564

LEAD AGENCY: SAN FRANCISCO DPW CATEGORY: Interstate Substitution		Biennial Element				
PROJECT: (*) TSM IMPROVEMENTS Along Embarcadero Roadway, including signal interconnection on King and Berry Streets, and the Bay/North Point Couplet		88-89	89-90	90-91	91-92	92-93
	Federal	35	37		720	
	Local	10	11		196	
	Total	45	48	0	916	0
	5-yr Tot					1,009

LEAD AGENCY: CALTRANS CATEGORY: Interstate Substitution		Annual Element				
PROJECT: (*) TRANSBAY TERMINAL - Miscellaneous improvements, including structural repairs and handicapped facilities		88-89	89-90	90-91	91-92	92-93
	Federal	781	5,158			
	State	175	1,153			
	Total	956	6,311	0	0	0
	5-yr Tot					7,267

LEAD AGENCY: CALTRANS CATEGORY: Interstate Substitution		Annual Element				
PROJECT: (*) CALTRAIN DEPOT - Track rehabilitation and upgrading at existing Caltrain depot		88-89	89-90	90-91	91-92	92-93
	Federal	107		1,080		
	State	24		242		
	Total	131	0	1,322	0	0
	5-yr Tot					1,453

(*) Requires MTC project review/grant application approval

Toll Bridge

PROGRAM SUMMARY

1988 ADOPTED STATE TRANSPORTATION IMPROVEMENT PROGRAM
HIGHWAY PROGRAM - STATE HWY ACCT
CONSTRUCTION AND R/W ONLY (THOUSANDS OF DOLLARS)

DATE 11/02/88
RAMIS - TBF1
T B FUNDS

TOTAL SAN FRANCISCO BAY BRIDGES

PROGRAM		PREV PROG NOT AWD	<------ 88-89	FIVE YEAR 89-90	90-91	STIP 91-92	------> 92-93	5 YEAR TOTAL
HA12	R/W							
MAINT. FACILITIES	CONST				563			563
IMPROVEMENTS	TOTAL				563			563
HA14	R/W							
TOLL BR FACILITIES	CONST	402	753	529	592			1,874
IMPROVEMENTS	TOTAL	402	753	529	592			1,874
HA21	R/W							
BRIDGE	CONST	918	5,647	1,110	1,844	585	608	9,794
RECONSTRUCTION	TOTAL	918	5,647	1,110	1,844	585	608	9,794
HA22	R/W							
ROADWAY	CONST			546				546
RECONSTRUCTION	TOTAL			546				546
HA4	R/W							
PROTECTIVE	CONST		4,774					4,774
BETTERMENTS	TOTAL		4,774					4,774
HB1	R/W							
SAFETY	CONST				416			416
IMPROVEMENTS	TOTAL				416			416
BASIC PROGRAM	R/W	0	0	0	0	0	0	0
SUBTOTAL	CONST	1,320	11,174	2,185	3,415	585	608	17,967
	TOTAL	1,320	11,174	2,185	3,415	585	608	17,967
HB4	R/W							
OTHERS	CONST		10,299	2,102	3,375			15,776
OTHERS	TOTAL		10,299	2,102	3,375			15,776
HE205	R/W							
SAN MATEO-HAYWARD BR	CONST					87,118		87,118
	TOTAL					87,118		87,118
HE206	R/W	140						
DUMBARTON BRIDGE	CONST	3,255	1,186				3,042	4,228
	TOTAL	3,395	1,186				3,042	4,228

P R O G R A M S U M M A R Y

1988 ADOPTED STATE TRANSPORTATION IMPROVEMENT PROGRAM
HIGHWAY PROGRAM - STATE HWY ACCT
CONSTRUCTION AND R/W ONLY (THOUSANDS OF DOLLARS)

DATE 11/02/88
RAMIS - TBF1
T B FUNDS

TOTAL SAN FRANCISCO BAY BRIDGES

PROGRAM		PREV PROG NOT AWD		<------ 88-89	FIVE YEAR STIP 89-90	90-91	91-92	------> 92-93	5 YEAR TOTAL
OTHERS	R/W	140		0	0	0	0	0	0
SUBTOTAL	CONST	3,255		11,485	2,102	3,375	87,118	3,042	107,122
	TOTAL	3,395		11,485	2,102	3,375	87,118	3,042	107,122
T O T A L	R/W	140		0	0	0	0	0	0
SUBTOTAL	CONST	4,575		22,659	4,287	6,790	87,703	3,650	125,089
	TOTAL	4,715		22,659	4,287	6,790	87,703	3,650	125,089

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

SAN FRANCISCO BAY BRIDGES
ALAMEDA COUNTY (DUMBARTON BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0080B 084 R000.0/R003.4 003081 HB4 DUMB	ON THE DUMBARTON BRIDGE SM 84 R29.3/R30.1 INSTALL SECURITY MONITORING SYSTEM T TEC: 286		275	R R C C	286 0					
0081B 084 004.0/ 006.9 033191 HE206 DUMB	ON THORNTON AVE FROM JARVIS RD TO RTE 880 RELINQUISH TO CITY RESURFACING T TEC: 1186	0	1140	R R C C	1186					
0082B 084 R004.7/R006.0 121100 HB1 DUMB	NEWARK OH TO RTE 84/880 SEP DECOTO ROAD INSTALL MEDIAN BARRIER T TEC: 416		370	R R C C			416			
0081A 084 R005.7/R006.0 033170 HE206 DUMB	AT ROUTE 880/84 I/C (DECOTO RD) MODIFY INTERCHANGE (STAGE II) T B88	140 2958	140 2958	R R C C						

SAN FRANCISCO BAY BRIDGES
SAN MATEO COUNTY (DUMBARTON BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0656D 084 R026.7/ 027.7 033251 NE206 DUMB	IN MENLO PARK ON WILLOW RD FR 0.1 MI N/RTE 101 TO 0.1 MI S/ RTE 84 HIGHWAY PLANTING T B85V05/85	297	297	R R C C						
0669F 084 R027.5/R029.2 HPU005 NE206 DUMB	WEST CONN AND APPR TO THE NEW DUM- BARTON BR WIDEN EXPRESSWAY FROM 2 TO 4 LANES, T TEC: 3042		2500	R R C C						3042
0670C 084 R028.4/R030.0 D00010 MA21 DUMB	DUMBARTON BRIDGE ALA 84 0.0/2.0 SCAFFOLDING-ACCESS TO PAINT GIRDERS T TEC: 2080		2000	R R C C	2080					
0666A 084 R029.3/R029.8 033310 MA21 DUMB	ON DUMBARTON BRIDGE (ALA R0.21/R0.58) INSTL CORROSION SYSTM APPR SPANS T TEC: 955		918	R R C C	955 0					

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

SAN FRANCISCO BAY BRIDGES
ALAMEDA COUNTY (SAN MATEO/HAYWARD BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0088E 092 R002.2/R003.6 002330 HB4 SMHB	AT SAN MATEO-HAYWARD BR, TOLL PLAZA IMPROVEMENTS. COMB W/#683A T TEC: 3952	0	3800	R R C C	3952					
0088F 092 R002.5/R002.6 00303G HA14 SMHB	SAN MATEO-HAYWARD BRIDGE REMODEL ADMIN BUILDINGS T TEC: 274		253	R R C C		274 0				

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TDF
T B FUNDS

SAN FRANCISCO BAY BRIDGES
SAN MATEO COUNTY (SAN MATEO/HAYWARD BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0088C 092 T012.1/R018.8 003050 HE205 SMHB	SAN MATEO-HAYWARD BR & APPROACHES ALA 92-R0.0/6.4 WDN TRESTLE & E &W APPROACH TO 6 LNS T TEC: 87118		74460	R R C C				87118 ▮		
0682G 092 R014.4/R018.8 002780 HA21 SMHB	SAN MATEO-HAYWARD BRIDGE ALA-92-R0.0/R2.4 TIMBER FENDER RENOV T TEC: 569		526	R R C C		569 ▮				
0682J 092 R014.4/R018.8 003050 HA21 SMHB	SM-HAY BR ALA-92-R0.0/R2.4 REVISE SUB STA SUPERVISORY CONTROL SYSTEM & MOTORIST AID CALL BOX T TEC: 766		681	R R C C			766 ▮			

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

SAN FRANCISCO BAY BRIDGES
ALAMEDA COUNTY (SAN FRANCISCO/OAKLAND BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0060D 080 001.1/ 1.2 00299G HA21 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE INCLUDES SF 80 5.6/5.7 REPAIR STEEL ARMOUR DECK JOINTS T TEC: 516		459	R R C C I			516 ▮			
0062A 080 001.9/ 002.1 003010 HA21 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE FOR TOWERS SECURITY MONITORING SYS AND ALARM T TEC: 324		312	R R C C I	324 ▮					
0064 080 002.0/ 002.1 002310 HA14 SFOB	AT SFOBB TOLL PLAZA REMODEL & EXPAND DISPATCHER OFFICE T TEC: 592		526	R R C C I			592 ▮			
0064E 080 002.0/ 002.2 00297G HA14 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE REMODEL ADMIN BUILDINGS T TEC: 255		236	R R C C I		255 ▮				

SAN FRANCISCO BAY BRIDGES
SAN FRANCISCO COUNTY (SAN FRANCISCO/OAKLAND BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0583D L5506 150010 HB4 SFOB	IN SAN FRANCISCO AT THE SF-OAKLAND BAY BR TRAFFIC OPERATIONS CENTER T TEC: 2102		1943	R R C C		2102				
0581 080 5.7 /8.8 030810 HB4 SFOB	LOWER DECK TRAFFIC MANAGEMENT SYSTEM T TEC: 3375		3000	R R C C			3375			
0573A 080 004.9/ 007.6 TB1000 HA22 SFOB	5TH ST TO THE SF VIADUCT ANCHORAGE RESURFACING T TEC: 546		505	R R C C		546				
0070D 080 005.2/ 005.3 SF0895 HA12 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE (EAST BAY PAINT) CONSTRUCT ABRASIVE BLAST BUILDING T TEC: 563		500	R R C C			563			
0580E 080 005.5/ 008.8 001730 HA4 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE INCLUDES ALA 0.0/1.1 REINFORCE PIERS TO MEET SEISMIC REQ T TEC: 4774		4590	R R C C	4774					
0920 080 005.8/ 008.8 A21004 HA21 SFOB	SAN FRANCISCO BAY BRIDGES ACCOUNT PER RESOLUTION #G-85-7 LUMP SUM MINOR (ALL PROGRAMS) T TEC: 2816	918	3418	R R C C	520	541	562	585	608	
0580 080 005.9/ 006.0 001490 HA14 SFOB	AT THE TRANSBAY TRANSIT TERMINAL REPL ELECT SYS & IMPROVE LIGHTING T TEC: 753		724	R R C C	753					

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

SAN FRANCISCO BAY BRIDGES
SAN FRANCISCO COUNTY (SAN FRANCISCO/OAKLAND BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0580A 080 005.9/ 006.0 001510 HA14 SFOB	AT THE TRANSBAY TRANSIT TERMINAL REPAIR PLUMBING & HEATING SYSTEMS T B88	402	402	R R C C						
0582F 080 006.1/ 007.4 002930 HA21 SFOB	SAN FRANCISCO-OAKLAND BAY BRIDGE REPR PIER FENDRS W3 THRU W6&REPLW2 T TEC: 1768		1700	R R C C	1768 0					
0583C 080 008.2/ 008.3 150020 HB4 SFOB	SFOBB/SF BAY AREA TC=$60M TRAFFIC OPERATIONS SYSTEM (SFOBB APPROACHES) T TEC: 6061		5828	R R C C	6061 0					

RICHMOND/SAN RAFAEL BRIDGE
CONTRA COSTA COUNTY (RICHMOND/SAN RAFAEL BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0212D 580 005.9/ 007.7 A21005 HA21 RSRB	RICHMOND-SAN RAFAEL BRIDGE LUMP SUM MINOR(ALL PROGRAMS) T TEC: 563	306	806	R R C C	104	108	112	117	122	
0213C 580 006.0/ 006.3 RSF090 HA12 RSRB	RICHMOND SAN RAFAEL BRIDGE NORTH OF TOLL PLAZA REPLACE MAINTENANCE BUILDINGS T TEC: 338		300	R R C C			338			
0219K 580 006.3/ 006.5 002960 HA14 RSRB	RICHMOND-SAN RAFAEL BRIDGE REMODEL ADMIN BUILDINGS T TEC: 331	0	306	R R C C		331				

RICHMOND/SAN RAFAEL BRIDGE
MARIN COUNTY (RICHMOND/SAN RAFAEL BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0327A 580 002.2/ 002.5 002761 HB1 RSRB	RICHMOND-SAN RAFAEL BRIDGE MEDIAN BARRIER-CONCRETE TRESTLE T1 V05/88	250	250	R R C C	▮					

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TDF
T B FUNDS

ANTIOCH AND CARQUINEZ STRAITS BRIDGES
CONTRA COSTA COUNTY (CARQUINEZ BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC. ----->
0910 080 001.0/ 001.1 A21003 HA21 CARQ	ANTIOCH AND CARQUINEZ BRIDGES ACCT LUMP SUM MINOR (ALL PROGRAMS) T TEC: 563	714	1214	R R C C	104	108	112	117	122	
0258C 080 012.8/ 013.5 00288G HB1 CARQ	CARQUINEZ BRIDGES WEST AND EAST APPROACHES SOL-80-0.3/1.0 UPGRADE EXIST BARRIERS TO CONCRETE T TEC: 382		353	R R C C		382				
0258D 080 013.0/ 013.5 00291G HA22 CARQ	CARQUINEZ BRIDGE WEST AND EAST APPROACHES SOL-80 0.3/0.6 ROADWAY RECONSTRUCTION T TEC: 727		672	R R C C		727				
0259A 080 013.1/ 014.1 002120 HB4 CARQ	CARQUINEZ BRIDGE SOL 80 0.0/0.9 INSTALL CALL BOXES T TEC: 582		517	R R C C			582			

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

ANTIOCH AND CARQUINEZ STRAITS BRIDGES
SOLANO COUNTY (CARQUINEZ BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
02598 080 000.4/ 000.6	CARQUINEZ BRIDGE			R R						
002590 HA14	REMODEL ADMIN BUILDINGS		236	C		255				
CARQ	T TEC: 255			C		1				
0262A 080 000.4/ 000.6	AT THE CARQUINEZ BRIDGE			R R						
002890 HB4	INCLUDES #262B MODIFY TOLL PLAZA-NEW TOLL BOOTHS		3058	C		3309				
CARQ	T TEC: 3309			C	1					

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

ANTIOCH AND CARQUINEZ STRAITS BRIDGES
CONTRA COSTA COUNTY (BENICIA/MARTINEZ BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC.
0302A 680 024.0/ 025.5 002580 HE208 BENM	MOCOCO OH TO BENICIA BR TOLL PLAZA INCL SOL 680 L0.0/0.6, INCL #0304C WIDEN BR, OH & S APPR, TRAV CAIWALK T 888	31330	31330	R R C C						
0307A 680 024.0/ 025.4 006010 HE208 BENM	BR & APPROACHES SOL-680 L0.0/0.7 CONST PARALLEL BR,MOD PLAZA/680-780 I.C. NEEDS LEGIS BONDING AUTHORITY T TEC: 266115		25000 188700	R R C C						36467 229648
0301A 680 024.1/ 025.4 001570 HA22 BENM	BENICIA-MARTINEZ BRIDGE INCLUDES SOL 680 0.6/0.7 REPLACE CALL BOXES T TEC: 464		412	R R C C			464			
0301B 680 024.5/ 025.4 002740 HB4 BENM	BENICIA-MARTINEZ BRIDGE SOL 680 L0.0/0.7 INSTALL ROADWAY LIGHTING T TEC: 1161		1120	R R C C			1161			

* Requires MTC Project Review/Grant Application approval, as discussed in Section VI, IGR.

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

ANTIOCH AND CARQUINEZ STRAITS BRIDGES
SOLANO COUNTY (BENICIA/MARTINEZ BRIDGE)

PROJ RTE POST MILES F/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93	ESC. ----->
0301C L5780	AT THE BENICIA-MARTINEZ BRIDGE			R						
				R						
00287G HA14	CONSTRUCT NEW WAREHOUSE		492	C			554			
BENM	T TEC: 554			C			0			

1988 ADOPTED
STATE TRANSPORTATION IMPROVEMENT PROGRAM
CONSTRUCTION AND RIGHT OF WAY COSTS

DATE 10/28/88
RAMIS - TBF
T B FUNDS

ANTIOCH AND CARQUINEZ STRAITS BRIDGES
CONTRA COSTA COUNTY (ANTIOCH BRIDGE)

PROJ RTE POST MILES E/A PROG FUND TYPES	PROJECT DESCRIPTION	PREV PROG NOT AWARDED	EST COST 1/88		<----- FIVE YEAR STIP FUNDS -----> 4% 88/89	4% 89/90	4% 90/91	4% 91/92	4% 92/93 ESC.
0264B 160	ANTIOCH BRIDGE WEST AND EAST			R					
000.7/ 000.8	APPROACHES SAC 160 L1.3/L2.9			R					
002920 HA22	ROADWAY RECONSTRUCTION		264	C			297		
ANTB	T TEC: 297			C					
				I			8		
A0265 160	ON THE ANTIOCH BR (INCLUDES 10-SAC-			R					
000.8/ 001.3	160 L0.0/L1.3)			R					
000480 HB4	RDWY LIGHT CALL BOXES & TV CAMERAS		709	C			798		
ANTB	T TEC: 798			C					
				I			8		

V.
Aeronautics

V. AERONAUTICS PROGRAM

Each year MTC is required by State law to prioritize general aviation airport projects submitted for funding under the California Aid to Airports Program (CAAP). Monies for this fund are generated by a sales tax on general aviation gasoline. The total amount of funds available statewide for general aviation airports over the five-year program is slightly over $6.5 million. As part of this process, information is also gathered on projects which will be submitted for federal Airport Improvement Program (AIP) funds over the next five years.

Both the State and federal projects are then prioritized according to the importance of the airport in the regional airport system plan and the importance of the individual project. As in past years, the TIP gives high priority to the following types of projects:

- safety projects;
- acquisition of land to protect airport approaches;
- maintenance of existing runways, taxiways, and aircraft parking;
- operational improvements to increase airport capacity and efficiency;
- development of additional general aviation capacity, particularly in the South Bay where the demand for general aviation facilities is the highest.

Table V-1 presents the five year program in priority order.

0793p

GENERAL AVIATION PROJECTS

TABLE V-1-a

PROJECT PRIORITY	AIRPORT	PROJECT DESCRIPTION	FUNDING	PROGRAM YEAR	CURRENT COST ($000)
01 127.80	NAPA COUNTY	APPROACH AND CLEAR ZONE ACQUISITION	F---L	88/89	2,200.0
02 100.00	NUT TREE	CLEAR ZONE ACQUISITION	F---L	88/89	1,000.0
03 96.00	SONOMA COUNTY	ACQUIRE APPROACH AREA	F---L	91/92	315.0
04 96.00	SONOMA COUNTY	ACQUIRE APPROACH AREA	F---L	90/91	315.0
05 96.00	SONOMA COUNTY	ACQUIRE APPROACH AREA	F---L	89/90	868.0
06 96.00	SONOMA COUNTY	ACQUIRE APPROACH AREA	F---L	92/93	315.0
07 90.00	LIVERMORE	WEST APPROACH AREA & CLR ZONE	F---L	88/89	2,000.0
08 90.00	LIVERMORE	EAST APPROACH AREA	F---L	91/92	345.0
*09 87.75	FREMONT RELIEVER	SITE ACQUISITION	F---L	88/89	3,000.0
*10 72.00	SOUTH COUNTY	170 NEW TIEDOWNS	F---L	88/89	1,350.0
*11 60.00	FREMONT RELIEVER	AIRCRAFT PARKING	F---L	88/89	6,900.0
*12 58.00	PETALUMA	PHASE II AIRPORT CONSTRUCTION	F---L	88/89	896.0
13 56.70	REID-HILLVIEW	RUNWAY RESURFACING	F---L	88/89	210.0
14 52.50	BUCHANAN FIELD	CLR ZONE EASEMENTS FOR RWY 19R	F---L	91/92	50.0
15 52.50	PALO ALTO	PARALLEL TAXIWAY	F---L	88/89	231.0
*16 50.00	OAKLAND NORTH	NEW AIRCRAFT PARKING	F---L	88/89	1,744.0
17 49.80	GNOSS FIELD	OVERLAY RWY,TWY,AND APRONS	S-L	88/89	185.0
18 49.20	NAPA COUNTY	RECONSTRUCT PART OF RWY 18R	F---L	89/90	500.0
19 48.00	BUCHANAN FIELD	OVERLAY TAXIWAY E	F---L	88/89	440.0
20 48.00	NAPA COUNTY	LEVEL HILLS FOR ILS RWY	F---L	89/90	500.0
21 46.80	BUCHANAN FIELD	REHABILITATE RWY 14R/32L	F---L	89/90	200.0
*22 45.90	HAYWARD MUNICIPAL	SOUTH APRON EXPANSION	F---L	88/89	368.0
*23 45.00	BYRON	LAND ACQUISITION	F---L	88/89	2,000.0
24 45.00	SONOMA COUNTY	CONSTRUCT NEW RUNWAY, TAXIWAY AND LIGHTS	F---L	90/91	790.0
25 45.00	NAPA COUNTY	CRACK FILLS RWYS 6-24 & 18R-36L	F---L	88/89	150.0
*26 45.00	LIVERMORE	EXTEND MAIN RUNWAY & CONNECT TWYS	F---L	88/89	1,575.0
27 43.50	LIVERMORE	OVERLAY RWY 25R AND TWY	F---L	89/90	644.0
28 43.20	HAYWARD MUNICIPAL	MIDFIELD PARALLEL TAXIWAY	F---L	90/91	432.0
29 42.00	SONOMA COUNTY	AIRFIELD IMPROVEMENTS	F---L	89/90	432.0
30 42.00	SONOMA COUNTY	AIRFIELD IMPROVEMENTS	F---L	88/89	444.0
31 42.00	BUCHANAN FIELD	RWY 19R SAFETY OVERRUN AREA	F---L	90/91	250.0
*32 42.00	GNOSS FIELD	EXTEND & WIDEN RUNWAY	F---L	88/89	5,000.0
33 42.00	NAPA COUNTY	OVERLAY & LENGTHEN RWY 18L	F---L	90/91	440.0
34 42.00	SAN CARLOS	OVERLAY TRANSIENT AREA	F---L	89/90	88.0
35 42.00	SAN CARLOS	RESURFACE TAXIWAY C	S-L	89/90	188.0
*36 40.80	HEALDSBURG MUNICIPAL	NEW TIEDOWNS	S-L	88/89	150.0
*37 40.50	HAYWARD MUNICIPAL	ADD. EXITS - RWY 28R & 28L	F---L	88/89	195.0
38 40.50	HAYWARD MUNICIPAL	TWY Z REALIGNMENT	F---L	88/89	254.0
39 40.00	CLOVERDALE	OBSTRUCTION DETERMINATION	S-L	88/89	30.0
*40 40.00	NUT TREE	SOUTH APRON PARKING EXTENSION	S-L	88/89	400.0
*41 40.00	RIO VISTA	PHASE I - SITE PREPARATION	F---L	88/89	1,025.6
42 40.00	CLOVERDALE	OVERRUN RWY 32	S-L	88/89	239.0
43 40.00	OAKLAND NORTH	RUNWAY 15/33 PARALLEL TAXIWAY	F---L	88/89	1,095.0
*44 39.90	BYRON	PHASE I CONSTRUCTION	F---L	88/89	2,000.0
45 39.00	NAPA COUNTY	PERIMETER ROAD TO 18R	F---L	90/91	200.0
*46 39.00	BUCHANAN FIELD	50 NEW TIEDOWNS	F---L	88/89	500.0
47 38.50	SAN CARLOS	OVERLAY B AREA	S-L	90/91	136.0
48 37.80	BUCHANAN FIELD	CFR BUILDING	F---L	88/89	450.0
49 37.50	BUCHANAN FIELD	NEW CFR TRUCK	F---L	88/89	280.0
50 37.50	BUCHANAN FIELD	WIDEN TWY J	F---L	88/89	751.0

F = Federal Funding
S = State Funding
L = Local Funding

*REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL, AS DISCUSSED IN SECTION VI, IGR

TABLE V-1-b

PROJECT PRIORITY		AIRPORT	PROJECT DESCRIPTION	FUNDING	PROGRAM YEAR	CURRENT COST ($000)
51	37.20	NUT TREE	APRON/TAXIWAY SEALCOAT, MARKING & REFLECTORS	S-L	88/89	131.0
52	37.20	NAPA COUNTY	RECONSTRUCT RWY 18R CULVERT	F---L	91/92	1,000.0
53	36.00	NAPA COUNTY	RECONSTRUCT DRAIN CANAL	F---L	88/89	500.0
54	36.00	NUT TREE	CONSTRUCT PARALLEL TAXIWAY	S-L	88/89	131.0
55	36.00	HAYWARD MUNICIPAL	NOISE BERM	F---L	88/89	330.0
*56	35.00	REID-HILLVIEW	20 NEW TIEDOWNS	S-L	88/89	116.0
57	35.00	PALO ALTO	RAMP LIGHTING	S-L	88/89	220.0
58	35.00	RIO VISTA	PHASE II - RUNWAY PAVING AND LIGHTING	F---L	88/89	1,044.1
59	34.30	SAN CARLOS	RESURFACE J AREA	S-L	91/92	210.0
60	33.75	BUCHANAN FIELD	LIGHTING FOR TWY C&E	F---L	88/89	250.0
61	33.75	BUCHANAN FIELD	LIGHTING FOR TWY J	F---L	88/89	102.5
62	33.00	NAPA COUNTY	EXTEND TWY H FULL LENGTH	F---L	91/92	475.0
63	32.00	CLOVERDALE	PAVEMENT RESTRIPING	S-L	89/90	10.0
*64	32.00	RIO VISTA	PHASE III - RWY EXTENSION/CROSSWIND RWY & LIGHTS	F---L	89/90	1,115.0
65	32.00	SAN JOSE MUNICIPAL	HOLD APRONS TWY A&3	S-L	88/89	243.0
66	32.00	NUT TREE	T HANGAR TAXIWAYS/STG 2	S-L	89/90	225.0
67	32.00	NUT TREE	CREEK RELOCATION AND CULVERT	S-L	90/91	225.0
68	31.20	SAN JOSE MUNICIPAL	REALIGN TWY3, NEW TWY C	S-L	88/89	285.0
*69	30.60	HAYWARD MUNICIPAL	TRANSIENT APRON & TWY D EXTENSION	F---L	89/90	554.0
*70	30.00	SONOMA COUNTY	APRON F EXPANSION PHASE 3	F---L	89/90	373.0
71	30.00	NUT TREE	NORTH APRON EXT, T-HANG, ACCESS RD	S-L	88/89	540.0
72	30.00	BUCHANAN FIELD	MLS	F--	88/89	700.0
73	29.40	SAN CARLOS	RESURFACE M AREA	S-L	92/93	285.0
74	28.80	NAPA COUNTY	16 HANGARS	F---L	88/89	320.0
*75	28.80	NAPA COUNTY	AIRPORT MASTER PLAN	F---L	88/89	75.0
*76	28.00	NUT TREE	MASTER PLAN/EIR	F---L	88/89	40.0
*77	27.00	BUCHANAN FIELD	AIRPORT MASTER PLAN/PART 150	F---L	88/89	150.0
78	27.00	HAYWARD MUNICIPAL	SEAL COAT - PHASE II	F---L	90/91	287.0
79	26.00	CLOVERDALE	RWY/TWY SEAL COAT	S-L	89/90	50.0
80	25.20	SOUTH COUNTY	HOOKUP TO CITY WATER SYSTEM	S-L	88/89	150.0
81	24.00	HEALDSBURG MUNICIPAL	PARALLEL TAXIWAY	F---L	88/89	150.0
82	24.00	BUCHANAN FIELD	MIRL FOR RUNWAY 32L	F---L	88/89	80.0
83	24.00	CLOVERDALE	ACCESS RD/BRIDGE	F---L	89/90	150.0
84	23.25	BUCHANAN FIELD	REPLACE TWY H	F---L	89/90	60.0
85	23.25	BUCHANAN FIELD	HOLD APRONS RWYS 1L & 19R	F---L	89/90	80.0
86	22.50	SOUTH COUNTY	HOOKUP TO CITY SEWER SYSTEM	S-L	88/89	150.0
87	22.50	BUCHANAN FIELD	EXTEND TWY F	F---L	88/89	40.0
88	22.00	HALF-MOON BAY	STORM DRAIN SYSTEM	S-L	88/89	160.0
89	21.90	HEALDSBURG MUNICIPAL	VASI	S-L	88/89	20.0
90	21.75	BUCHANAN FIELD	NEW TURNOFFS/RWY 32R	F---L	89/90	50.0
91	21.00	LIVERMORE	NORTHWEST APRON EXPANSION - PHASE V	F---L	91/92	404.0
92	21.00	BUCHANAN FIELD	CONNECTOR TWY RWY 1R TO TWY A	F---L	88/89	15.0
*93	21.00	PALO ALTO	PART 150 STUDY	F---L	88/89	94.7
94	20.50	HALF-MOON BAY	WATER SYSTEM & FIRE HYDRANTS	F---L	90/91	441.0
95	20.00	CLOVERDALE	EROSION CONTROL/RUSSIAN RIVER	S-L	90/91	300.0
96	20.00	HALF-MOON BAY	TWY LIGHTS AND PAINTING	S-L	90/91	90.0
97	19.80	BUCHANAN FIELD	HIRL FOR RUNWAY 19R	F---L	88/89	220.0
98	18.75	BUCHANAN FIELD	EDGE LIGHTING FOR TWYS B & D	F---L	90/91	130.0
99	18.00	HAYWARD MUNICIPAL	PAPI	F---L	88/89	12.0
00	18.00	HAYWARD MUNICIPAL	HELIPAD	F---L	88/89	41.0

TABLE V-1-c

PROJECT PRIORITY		AIRPORT	PROJECT DESCRIPTION	FUNDING	PROGRAM YEAR	CURRENT COST ($000)
01	18.00	RIO VISTA	PHASE IV - TWY EXTENSION & LIGHTS	F---L	90/91	280.0
02	18.00	NAPA COUNTY	REDESIGN RWY 18R-36L INTERSECTION	F---L	89/90	40.0
03	17.25	BUCHANAN FIELD	110 NEW TIEDOWNS	F---L	91/92	360.0
04	15.75	BUCHANAN FIELD	NEW PERIMETER RD	F---L	91/92	115.0
05	15.75	BUCHANAN FIELD	REBUILD EAST RAMP TIEDOWNS	F---L	91/92	800.0
06	15.00	LIVERMORE	NORTHEAST APRON TWY EXT	F---L	88/89	164.0
07	15.00	LIVERMORE	NORTHEAST APRON EXPANSION	F---L	90/91	280.0
*08	15.00	BUCHANAN FIELD	COMMUTER AIRLINE APRON	F---L	88/89	1,916.0
09	14.50	HALF-MOON BAY	AIRCRAFT PARKING	S-L	92/93	225.0
10	14.40	HAYWARD MUNICIPAL	INTERIOR RUNUP AREA	F---L	88/89	75.0
11	14.00	CLOVERDALE	T-HANGAR TWYS	S-L	89/90	40.0
12	13.50	LIVERMORE	EXPAND TERMINAL	F---L	92/93	250.0
13	13.50	LIVERMORE	NORTHSIDE ACCESS ROAD WIDENING	F---L	89/90	84.0
14	13.50	LIVERMORE	WEST APRON ACCESS ROAD WIDENING	F---L	88/89	168.0
15	13.50	HAYWARD MUNICIPAL	NOISE MONITORING	F---L	88/89	235.0
16	13.50	HAYWARD MUNICIPAL	AUTOMATIC WEATHER OBSERVATION SYSTEM	F---L	88/89	126.0
17	13.50	HAYWARD MUNICIPAL	NOISE BERM	F---L	88/89	280.0
18	13.00	CLOVERDALE	MIRL	S-L	89/90	150.0
19	13.00	CLOVERDALE	APRON EXPANSION	S-L	90/91	80.0
20	12.60	BUCHANAN FIELD	RUNUP AREAS	F---L	90/91	100.0
21	12.50	HALF-MOON BAY	SEWAGE SYSTEM	F---L	91/92	380.0
*22	12.00	BUCHANAN FIELD	COMMUTER AIRLINE TERMINAL	F---L	88/89	3,000.0
23	12.00	HEALDSBURG MUNICIPAL	WATER SEWER SYSTEM	S-L	89/90	80.0
24	11.70	HAYWARD MUNICIPAL	AIRFIELD LIGHTS & SIGNS	F---L	90/91	300.0
25	11.25	BUCHANAN FIELD	NEW GUIDE SIGNS FOR RWYS/TWYS	F---L	88/89	90.0
26	11.00	CLOVERDALE	RUNWAY EXTENSION	S-L	92/93	320.0
27	10.50	REID-HILLVIEW	SECURITY FENCING	S-L	88/89	55.0
28	10.00	OAKLAND NORTH	NOISE MONITORING SYSTEM	S-L	88/89	50.0
29	10.00	CLOVERDALE	APRON LIGHTING	S-L	90/91	40.0
30	9.90	HAYWARD MUNICIPAL	MASTER PLAN UPDATE	F---L	90/91	82.0
31	9.75	LIVERMORE	WEST APRON ACCESS RD WIDENING	F---L	89/90	168.0
32	9.00	RIO VISTA	FIRE STATION	F---L	91/92	160.0
33	9.00	NAPA COUNTY	SECURITY FENCING	F---L	88/89	28.5
34	9.00	RIO VISTA	TRANSIENT WAITING AREA	F---L	90/91	120.0
35	8.00	CLOVERDALE	LAND ACQUISITION FOR TERMINAL	S-L	91/92	100.0
36	7.00	PALO ALTO	SECURITY FENCING	S-L	88/89	29.0
37	6.60	BUCHANAN FIELD	DRAINAGE SYSTEM - RWY 14R & TWY J	F---L	90/91	150.0
38	6.20	CLOVERDALE	SECURITY FENCING	S-L	88/89	35.0
39	6.00	SONOMA COUNTY	SECURITY FENCING	F---L	91/92	310.0
40	4.80	NUT TREE	SECURITY FLOODLIGHTS	S-L	91/92	50.0
41	4.00	HEALDSBURG MUNICIPAL	SECURITY FENCE & LIGHTS	S-L	88/89	21.0

TABLE V-2

SUMMARY OF PROJECTS BY AIRPORT AND COUNTY -- ESC COSTS
(THOUSANDS OF DOLLARS)

	TOTAL	PERCENT BY AIRPORT	PERCENT BY COUNTY
ALAMEDA COUNTY***	22,748.7		32.5
HAYWARD MUNICIPAL	3,683.0	5.2	
LIVERMORE	6,276.7	8.9	
OAKLAND NORTH	2,889.0	4.1	
FREMONT RELIEVER	9,900.0	14.1	
CONTRA COSTA COUNTY***	15,562.0		22.2
BUCHANAN FIELD	11,562.0	16.5	
BYRON	4,000.0	5.7	
MARIN COUNTY***	5,185.0		7.4
GNOSS FIELD	5,185.0	7.4	
NAPA COUNTY***	6,706.5		9.6
NAPA COUNTY	6,706.5	9.6	
SAN MATEO COUNTY***	2,428.8		3.4
SAN CARLOS	1,003.7	1.4	
HALF-MOON BAY	1,425.0	2.0	
SANTA CLARA COUNTY***	3,133.7		4.4
PALO ALTO	574.7	0.8	
REID-HILLVIEW	381.0	0.5	
SAN JOSE MUNICIPAL	528.0	0.7	
SOUTH COUNTY	1,650.0	2.3	
SOLANO COUNTY***	6,617.5		9.4
NUT TREE	2,775.6	3.9	
RIO VISTA	3,841.9	5.5	
SONOMA COUNTY***	7,430.0		10.6
SONOMA COUNTY	4,452.7	6.3	
CLOVERDALE	1,657.1	2.3	
PETALUMA	896.0	1.2	
HEALDSBURG MUNICIPAL	424.2	0.6	
TOTAL	69,812.3	100.0	

VI.
Intergovernmental Review

VI. INTERGOVERNMENTAL REVIEW

"Intergovernmental Review" (IGR) was created by Executive Order 12372, which was signed by President Reagan on July 14, 1982. On September 30, 1983, the "A-95" process expired and was replaced by the new IGR process. In early 1986, a Memorandum of Understanding (MOU) to implement IGR was executed by MTC, ABAG, Caltrans, and the Office of Planning and Research (OPR).

Pursuant to that MOU and MTC's "Project Review and Application Approval Criteria and Procedures" (MTC Resolution No. 1570), this section lists highway and aeronautics projects from the Biennial Element of this TIP that need individual project review and approval by MTC. Federal agencies should not approve or fund these projects until after they are reviewed and approved by MTC.

The project listings in this section replicate those in the Highway and Aeronautics sections of this document. For the sake of brevity, and to emphasize that project review addresses only the Biennial Element of the TIP, only information from the first two years of the five year program is shown.

With respect to large, multi-phase projects, the initial Project Review action by MTC should encompass the entire project. As subsequent phases enter the Biennial Element, a follow-up review for consistency with the original action on the total project will be conducted and the original review will be amended to indicate approval of the grant applications for the subsequent phases.

Most projects listed in this section require both project review and grant application approval from MTC. However, 100% locally funded projects do not require any grant application approval, and are submitted to MTC only for project review. Cost information for locally funded projects is provided in the project description, and a "#1" is shown in the year the project is programmed to begin construction. State and federal agency approval of permits to allow construction of these projects should follow MTC's project review action.

The majority of projects listed in this section have not yet been reviewed by MTC. However, in some instances, projects may be listed that are in the process of review. Applicants are encouraged to contact their staff liaison at MTC to resolve any questions regarding the status of MTC's review of specific projects. MTC intends to review boxed projects together.

0793p

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4%	89/90 4%	90/91 4%	91/92 4%	92/93 4%
					($1,000)							
* 24	04	BROADWAY TO THE CALDECOTT TUNNEL	T2	P	46	7		53				
R 4.0		TSM REPLACEMENT PLANTING TO 55Y	IGR	R								
R 5.9	HB5	CONTRA FLOW HOV LANE (EB)	88T1P	C	454	74			528			
0055A	10959G		F	T	500	81		53	528			
* 112	04	DAVIS ST, GILMORE DR TO WAYNE AVE/	T1	P								
.6		PREDA ST (UNIT 1)	IGR	R			128	128				
1.6	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88T1P	C			111	111				
0092F	12181G		CITY	T			239	239				
				P	147			147				
				R	784			784				
				C	1470			1470				
			FAU	T	2401			2401				
				P								
				R								
				C		238		238				
			STAM	T		238		238				
* 112	04	DAVIS ST, PREDA ST TO MARTINEZ ST	T1	P								
1.0		(UNIT 2)	IGR	R			601	601				
1.3	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88T1P	C			1861	1861				
0092C	12182G		CITY	T			2462	2462				
				P								
				R								
				C		419		419				
			STAM	T		419		419				
* 112	04	DAVIS ST, MARTINEZ ST TO CARPENTIER	T1	P								
1.3		UN1T 3-FAU-2274(R985)CTY-1335(R1165	IGR	R			1165	1165				
1.6	HE12	4C-4D, SIGNAL, L-TURN & FRONTAGE RD	88T1P	C			170	170				
0092G	12183G		CITY	T			1335	1335				
				P	129			129				
				R	985			985				
				C	1289			1289				
			FAU	T	2403			2403				
				P								
				R		120		120				
				C		144		144				
			STAM	T		264		264				

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 580	04	AT SANTA RITA RD I/C	T1	P								
17.6		PLEASANTON	IGR	R			2100	2100				
18.3	HE11	CONSTRUCT ADDITIONAL O/C & RAMPS	88TIP	C			4899	4899				
0118B	115940		CITY	T			6999	6999				
* 580	04	AT HACIENDA DRIVE EXTENSION	T1	P								
18.2		CITY OF PLEASANTON INCL#114A	IGR	R			4238		4238			
19.7	HE11	NEW I/C, RAMPS, RELOC FRT RD,AUX LN	88TIP	C			10902		10902			
0108	115930		CITY	T			15140		15140			
* 680	04	STONERIDGE DRIVE IN PLEASANTON	T1	P								
R 18.8	C/O	(INCLU 114A)	IGR	R			3441	3441				
R 19.9	HE11	WIDN OC, CON RAMPS,SIG & AUX LNS	88TIP	C			10467	10467				
0168B	11351G		CITY	T			13908	13908				
* 680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	233	22		255				
R 20.1		REPL PLNTG TO 169Y (POR TO 272D)	IGR	R								
R 21.9	HE13	WIDEN 6 LANES TO 8 LANES	88TIP	C	2332	217			2549			
A0272C	11274G		IR	T	2565	239		255	2549			
**SEE CONTRA COSTA LISTING FOR COMPANION PROJECTS **												
* 880	04	MONTAGUE EXP TO RTE 262(ALA/SCL)	T2	P	269	25		294				
R .0		INCL #416B) REPL PLTNG TO A0416Y	IGR	R								
2.3	HE13	WIDEN TO 6 LANES POSS HOV LN	88TIP	C	2693	250			2943			
A0416A	112820		IR	T	2962	275		294	2943			
**SEE SANTA CLARA LISTING FOR COMPANION PROJECTS **												
* 880	04	FREMONT BLVD-LANDING RD I/C	T1	P								
3.1			IGR	R			1900	1900				
3.3	HE11	WIDEN OVERCROSSING, MODIFY I/C	88TIP	C						6525		
0015B	113540		PVT	T			1900	1900		6525		
* 880	04	DURHAM RD INTERCHANGE	T1	P								
4.6		CITY OF FREMONT	IGR	R			225		225			
4.8	HE11	WIDEN OVERCROSSING, MODIFY I/C	88TIP	C			8264		8264			
0018A	115400		CITY	T			8489		8489			

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF ALAMEDA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89	89/90	90/91	91/92	92/93
								BIENNIAL ELEMENT				
								($1,000)				
* 880	04	A. NILES RD TO DAVIS UNIT VII REQ	T1	P	666	62		728				
13.0		MITIG FOR 29FGHIJK REP PLNT TO 29Y	IGR	R								
23.6	HE13	HIGHWAY SOUNDWALLS (LEFT AND RIGHT)	88TIP	C	6661	619		7280				
0029B	11789G		IR	T	7327	681		8008				
* 880	04	NILES RD TO INDUSTRIAL PARKWAY	T2	P	1584	147		1731				
13.0		UNIT IV POR OF 29A,C WIDEN 6-8 FWY,	IGR	R	2466	229		1100	1595			
14.6	HE13	NOISE AND RET WALLS, AUX LN, WIDEN	88TIP	C	15840	1472			17312			
0029K	123161		IR	T	19890	1848		2831	18907			
* 880	04	INDUSTRIAL PARKWAY TO RTE 92 UNIT	T1	P	1237	115		1352				
14.6		III & IIIA POR OF 29A,C WIDEN 6-8	IGR	R	183	17		200				
16.5	HE13	FWY, MED BARR, NOISE & RET WALLS	88TIP	C	12371	1149		13520				
0029F	123151		IR	T	13791	1281		15072				
* 880	04	RTE 92 TO WEST A ST UNIT II POR OF	T1	P	1332	124		1456				
16.5		29A,C WIDEN 6-8 FWY, MED BARR, 1	IGR	R	188	17		205				
18.5	HE13	STR, NOISE & RET WALLS	88TIP	C	13322	1238		14560				
0029G	123141		IR	T	14842	1379		16221				
* 880	04	A ST TO WASHINGTON AVE UNIT I POR	T1	P	1713	159		1872				
18.5		OF 29A,C WIDEN 6-8,AUX LN, REPL 4 &	IGR	R								
20.9	HE13	WIDEN 3 STRS,NOISE & RET WALLS	88TIP	C	17129	1591		18720				
0029H	123131		IR	T	18842	1750		20592				
* 880	04	LEWELLING BLVD TO DAVIS ST UNIT VI	T2	P	594	55		649				
20.3		(SB) POR OF 29A,C	IGR	R	852	79		365	566			
23.6	HE13	AUX LN, NOISE BARR, WIDEN 2 STRS	88TIP	C	5940	552			6492			
0029J	123181		IR	T	7386	686		1014	7058			
* 880	04	WASHINGTON TO DAVIS ST UNIT V (NB)	T2	P	613	57		670				
20.9		POR OF 29A,C AUX LN, NOISE & MED	IGR	R	192	18			210			
23.6	HE13	BARR, REPL STR	88TIP	C	6127	569			6696			
0029I	123171		IR	T	6932	644		670	6906			

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

VI-4

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 4	04	WILLOW PASS RD IN CONCORD TO	T1	P								
16.8	C/O	WILLOW PASS RD IN PITTSBURG	IGR	R			200	200				
18.9	HB4C	ADD AUX LNN (WB) & RELOCATE WB RAMP	88TIP	C			2754	2754				
0185A	123040		CO	T			2954	2954				
* 24	04	EAST PORTAL OF CALDECOTT TUNNEL TO	T2	P	114	19		133				
R .3		ST STEPHENS DR TSM	IGR	R								
R 3.7	HB5	HOV ACCESS TO CALDECOTT TUNNEL (WB)	88TIP	C							1330	
0224	107050		F	T	114	19		133			1330	
* 80	04	ATLAS ROAD INTERCHANGE	T2	P	183	17		200				
6.0		55% LOCAL		R	348	32			380			
6.8	HE14	CONSTRUCT FULL INTERCHANGE	88TIP	C	1832	170			2002			
0249A	CC0020		IR	T	2363	219		200	2382			
				P								
				R			465		465			
				C			2445		2445			
			LOC	T			2910		2910			
* 680	04	N/O RTE 580 (ALA) TO RUDGEAR RD(CC)	T2	P	2255	209		2464				
R .0		REPL PLNTG TO 272Y (POR TO #272D)	IGR	R								
R 12.6	HE13	WIDEN 6 LANES TO 8 LANES	88TIP	C	22545	2094			24639			
B0272C	11274G		IR	T	24800	2303		2464	24639			
SEE ALAMEDA COUNTY FOR COMPANION PROJECT												
* 680	04	IN SAN RAMON AT CROW CANYON RD I/C	T1	P								
R 3.5	C/O	(50% PVT) REPL PLNTG TO	IGR	R								
R 4.8	HE11	MODIFY RAMPS & SIGNALS #274Y	88TIP	C	1373	127		1500				
0274B	101291		IR	T	1373	127		1500				
	C/O			P								
				R								
				C			1500	1500				
			PVT	T			1500	1500				
* 680	04	RUDGEAR RD/ PLEASNT HILL IC (POR OF	T2	P	2524	235		2759				
12.6	C/O	283)INCLU RTE 24 7.8/9.1 TO PL.H.IC	IGR	R	956	89		1045				
14.4	HE14	FWY WDNING & MOD I/C	88TIP	C	25246	2345			27591			
0283B	121711		I	T	28726	2669		3804	27591			

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF CONTRA COSTA

	ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
*	680	04	N/RUDGEAR RD TO NEWELL AVE	T1	P	1456	135		1591				
	12.6	C/O	(POR OF #0283B)	IGR	R	915	85		1000				
	13.7	HE14	WDN FWY N/B TO 8 LANES, SOUNDWALLS	88TIP	C	14559	1353		15912				
	0283F	12174G		I	T	16930	1573		18503				
*	680	04	N OF YGNACIO VL RD UC TO TREAT BLVD	T2	P	2524	235		2759				
	14.8	C/O	PORTION OF #283 STAGE 1	IGR	R	4511	419		3120	1810	28		
	16.4	HE14	FWY WIDENING & MODIFY I/C	88TIP	C	25246	2345			27591			
	0283C	121721		I	T	32281	2999		5879	29401	28		
*	680	04	FROM TREAT BOULEVARD TO BOYD ROAD	T2	P	1211	113		1324				
	16.4		REPL PLNTG TO 285Y, POR TO #285E,F	IGR	R	46	4		50				
	17.6	HE13	WIDEN N/B FREEWAY & MODIFY I/C	88TIP	C	12118	1126			13244			
	0285C	377181		IR	T	13375	1243		1374	13244			
*	680	04	TREAT BOULEVARD TO BOYD ROAD	T2	P	1575	146		1721				
	16.4	C/O	SPLIT FROM 285C	IGR	R	8873	824		6230	3467	2608		
	17.6	HE13	WIDEN S/B FREEWAY AND MODIFY I/C'S	88TIP	C						17213		
	0285E	377191		IR	T	10448	970		7951	3467	19821		
*	680	04	BOYD RD TO WILLOW PASS RD	T2	P	2403	223		2626				
R	17.4	C/O	SPLIT FROM 285C	IGR	R	15047	1398		6569	9876	8014	319	
R	19.0	HE13	WIDEN FWY AND MODIFY IC'S/SOUNDWALL	88TIP	C							26255	
	0285F	377211		IR	T	17450	1621		9195	9876	8014	26574	
*	680	04	WILLOW PASS RD TO MARINA VISTA	T1	P	1459	135		1594				
R	19.0		REPL PLTNG TO 295Y (INCL #0297)	IGR	R								
	24.3	HE13	WDN 4 TO 6 LNS, RDWY RECON,EDG DRNS	88TIP	C	14584	1355		15939				
	0295B	126010		IR	T	16043	1490		17533				

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

*	680	04	PLEASANT HILL BART STATION	T1	P	839	78		917				
	16.4		LOC-BART ST MAX-92%	IGR	R								
	16.7	HB6	FRINGE PARKING FACILITIES	88TIP	C	8394	780		9174				
	0292	377140		IR	T	9233	858		10091				
					P								
					R								
					C			798	798				
				LOC	T			798	798				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF MARIN

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 101	04	MERRYDALE OC-MAY INCLUDE #349A	T1	P	143	7		150				
13.5		STA MAX-1500	IGR	R								
13.8	HE11	HWY PLNTG TO #348Y	88TIP	C	1425	75		1500				
0348B	115740		FF	T	1568	82		1650				
				P								
				R								
				C			2545	2545				
			PVT	T			2545	2545				
* 101	04	AT MANUEL FREITAS INTERCHANGE	T1	P								
13.7	C/O	MAY BE COMBINED WITH #348B	IGR	R								
13.8	HE11	CONSTRUCT NEW NB ON-RAMP	88TIP	C	378	20		398				
0349A	113560		FF	T	378	20		398				
BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW												
* 101	04	MILLER CRK I/C TO ROUTE 37	T1	P	618	32		650				
15.5			IGR	R								
19.0	HB5	CONSTRUCT S/B AND N/B HOV LANE	88TIP	C	6172	325		6497				
0352A	101950		FF	T	6790	357		7147				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF NAPA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 12	04	JCT SR 29 TO SOLANO COUNTY LINE.	T2	P	221	36		257				
.0		INCLUDES #367	IGR	R	224	37		208	53			
3.3	HB4C	PASSING & CLIMB LANES, RDWY RECONST	88TIP	C	2212	360			2572			
0367A	112800		F	T	2657	433		465	2625			
* 29	04	YOUNTVILLE RD TO YORK CREEK IN ST	T1	P	447	73		520				
22.2		HELENA INCLUDES #378A	IGR	R	172	28		200				
28.4	HB4N	WIDEN SHLDRS-CHANNELIZE-AC OVERLAY	88TIP	C	4470	728		5198				
0379	111330		F	T	5089	829		5918				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN FRANCISCO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 280	04	I/C NR ISLAIS CK NB OFF/SB ON IF	T2	P								
R 5.4		COMMIT TO USS MO-SF CONTRIB AT 16%	IGR	R								
R 5.5	HE11	CONST I/C	88TIP	C						211	640	
0610A	395750		CITY	T								1180
										211	640	1180
				P	567	53		620				
				R						1104	3363	11
				C								6196
			IR	T	567	53		620		1104	3363	6207

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $k	89/90 $k	90/91 $k	91/92 $k	92/93 $k
								($1,000)				
* 92	04	RTE 1 TO RTE 35 (PORTIONS)	T2	P	542	88		630				
.0		VAR LOC 84 STIP SCOPE	IGR	R						172	699	
T 5.2	HB4C	SLOW VEHICLES LN/SAFETY IMPROVEMENT	88TIP	C							6300	
0669	103580		F	T	542	88		630		172	6999	
* 92	04	RTE 1 TO RTE 280 (PORTIONS)	T2	P	312	51		363				
.0		RES FOR #669, #669B UPSCOPE (G-85-4	IGR	R								
R 7.3	HB4C	MODIFIED BY STIP AMEND 87-12	88TIP	C							3627	
0669A	RESRVE		F	T	312	51		363			3627	

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

* 101	04	SCL CO LINE TO WHIPPLE AVE	T1	P								
.0	C/O	STIP AMEND 87-12 TO BE CONSTR W/685	IGR	R								
6.6	HE13	WIDEN TO 8 LANES, UPGRADE MED BARR	88TIP	C	8600	1400		10000				
0684A	117820		F	T	8600	1400		10000				
* 101	04	IN SAN CARLOS - BRITTAN AVE	T1	P	83			83				
7.4			IGR	R								
7.8	HE11	NEW FREEWAY CONNECTION	88TIP	C						827		
0696A	113580		FAU	T	83			83		827		
				P								
				R								
				C						138		
			LOCM	T						138		
* 101	04	RALSTON AVE INTERCHANGE IN BELMONT	T1	P								
9.6			IGR	R								
9.7	HE11	WIDEN OVERCROSSING AND MODIFY I/C	88TIP	C			3328	3328				
0696D	115970		PVT	T			3328	3328				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SAN MATEO

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 101	04	AT THIRD AVENUE	T1	P	181			181				
13.4			IGR	R								
13.6	HE11	WIDEN OVERCROSSING	88TIP	C	1809				1809			
0698D	100700		FAU	T	1990			181	1809			
				P								
				R								
				C			294		294			
			LOCM	T			294		294			
* 280	04	NEAR SAN PEDRO ROAD	T1	P								
R 26.0	C/O	50% DALY CTY	IGR	R								
R 26.1	HB6	CONSTRUCT PARK AND RIDE FACILITIES	88TIP	C			1405	1405				
0739B	117130		CITY	T			1405	1405				
				P								
	C/O			R								
				C	1327	123		1450				
			IR	T	1327	123		1450				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
* 17	04	RTE 9 TO CAMDEN AVENUE NB	T2	P	212	34		246				
7.1		(CONSTR AFTER RTE 85 LOC DECISION)	IGR	R								
10.5	HB4N	HOV BYPASS LANE (NB)	88TIP	C						2460		
0393	116010		F	T	212	34		246		2460		
* 17	04	CAMDEN AVE TO HAMILTON AVE SB	T1	P	171	28		199				
10.5		REPL PLNTG TO 398Y	IGR	R								
12.3	HB4C	AUXILIARY LANE	88TIP	C	1715	279		1994				
0398B	116730		F	T	1886	307		2193				

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

* 82	04	BLOSSOM HILL TO BRANHAM LN	T1	P	229			229				
R .3		(UNIT III)	IGR	R								
1.6	HE13	WIDEN 4 TO 6 LANES	88TIP	C	2288				2288			
0419S	12212G		FAU	T	2517			229	2288			
				P								
				R								
				C			360		360			
			LOCM	T			360		360			
* 82	04	BRANHAN LN TO SOUTHSIDE DR (UNIT I)	T1	P	486			486				
1.6			IGR	R								
3.5	HE13	WIDEN TO 6 LANES	88TIP	C						4861		
0419A	115871		FAU	T	486			486		4861		
				P								
				R								
				C						762		
			LOCM	T						762		
* 82	04	SOUTHSIDE TO CURTNER (UNIT II)	T1	P	305			305				
3.5			IGR	R								
4.9	HE13	WIDEN 4 TO 6 LANES	88TIP	C	3052				3052			
0419N	12211G		FAU	T	3357			305	3052			
				P								
				R								
				C			479		479			
			LOCM	T			479		479			

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 85	04	JUNCTION RTES 85/87 (POR OF #443A)	T1	P								
R 4.7	C/O	TEC=22.0 CO=3.2 SJS=2.3		R								
R 5.4	HE14	CONSTRUCT I/C STG II (POR TO #426L	88TIP	C			2308	2308				
0426D	437151		CITY	T			2308	2308				
				P								
	C/O			R								
				C			3192	3192				
			CO	T			3192	3192				
				P								
	C/O			R								
				C	1395	227		1622				
			FAU8	T	1395	227		1622				
				P								
	C/O			R								
				C			14874	14874				
			XSCL	T			14874	14874				
85	04	JUNCTION RTES 85/87	T1	P								
4.7		PTN OF #426D		R								
5.4	HE14	CONSTRUCT I/C STAGE III	88TIP	C						13163		
0426L	437301		XSCL	T						13163		

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMS / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND	BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 85	04	AT THE GUADALUPE RIVER	T1	P							
R 5.4	C/O		IGR	R		7000	7000				
R 5.6	HE14	CONSTRUCT BRIDGES	88TIP	C		17503	17503				
0426E	437121		XSCL	T		24503	24503				
* 85	04	GUADALUPE RIVER TO S BASCOM AVE	T1	P							
R 5.6		6 LANE FREEWAY-CAMDEN AVE AND	IGR	R							
R 10.2	HE14	UNION AVE I/C'S	88TIP	C		54520		54520			
0426F	43716G		XSCL	T		54520		54520			
* 85	04	JUNCTION 17/85	T1	P							
R 10.2	C/O	INCS WINCHESTER-BASCOM-LARK I/C'S	IGR	R		25000	15625	9375			
R 11.0	HE14	CONSTRUCT RTE 17/85 I/C STG I	88TIP	C		49112		49112			
0426G	43717G		XSCL	T		74112	15625	58487			
* 85	04	WINCHESTER BLVD TO PROSPECT ROAD	T1	P							
R 11.0	C/O	INCLUDES SARATOGA AVE I/C	IGR	R		26155	8500	17655			
R 15.2	HE14	CONSTRUCT 6 LANE FREEWAY	88TIP	C		49885		49885			
0426H	43718G		XSCL	T		76040	8500	67540			
* 85	04	PROSPECT ROAD TO STEVENS CREEK BLVD	T1	P							
R 15.2	C/O	INCL. SARATOGA-SUNNYVALE I/C	IGR	R		7000	7000				
R 17.7	HE14	CONSTR 6 LN FWY (POR TO #426M)	88TIP	C		44362		44362			
0426J	43719G		XSCL	T		51362	7000	44362			
* 85	04	S/STEVENS CREEK BLVD TO RTE 280	T1	P							
R 17.5		MODIFY I/C AND ADD SIDE RAMPS AT	IGR	R							
R 18.5	HE13	STEVENS CK BLVD POR OF 86 ASTIP#426	88TIP	C		7284		7284			
0435E	43731G		XSCL	T		7284		7284			

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 87	04	CAPITOL EXP TO CURTNER GUAD COR	T2	P	1028			1028				
1.0		INCLUDES POR OF #442	IGR	R								
2.6	HE14	PAVE STRS CAPITAL I/C	88TIP	C	10281				10281			
0443C	487031		FAU	T	11309			1028	10281			
* 87	04	CAPITOL EXP TO CURTNER GUAD COR	T2	P	422	69		491				
1.0		INCLUDES POR OF #442	IGR	R								
2.6	HE14	PAVE STRS CAPITAL I/C	88TIP	C	4223	687			4910			
0443C	487031		FAU8	T	4645	756		491	4910			
				P								
				R								
				C			2357		2357			
			LOCM	T			2357		2357			
BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW												
* 101	04	AT BAILEY AVE IN SAN JOSE	T1	P								
R 22.9			IGR	R								
R 23.9	HE11	CONSTRUCT NEW INTERCHANGE	88TIP	C			4662		4662			
0454	116120		CITY	T			4662		4662			
* 101	04	S/O SAN ANTONIO ST OC TO N/O MCKEE	T2	P	1709	90		1799				
35.3		RD I/C LEVEL 1 REPL PLNTG TO 463Y	IGR	R	1254	66		371	949			
36.6	HE13	MODIFY 101/130 I/C & WIDEN TO 6 LN.	88TIP	C	17091	900			17991			
0463A	189940		FF	T	20054	1056		2170	18940			
* 101	04	AT MATHILDA I/C AND 237/MATHILDA	T1	P								
45.3		I/C PTN OF 86 ASTIP #455	IGR	R			428		428			
46.0	HE13	CONSTRUCT RAMP CONNECTION & WIDEN	88TIP	C						1721		
0463E	43732G		XSCL	T			428		428	1721		
* 101	04	MOFFETT BLVD TO SAN MATEO CO LINE	T1	P	243	40		283				
47.9		TSM AQM REPL PLNTG TO 482Y	IGR	R								
52.5	HB4C	R. METER-HOV BYPASS LANES-AUX LN SB	88TIP	C	2434	396		2830				
0482	389131		F	T	2677	436		3113				

VI-15

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 $k	89/90 $k	90/91 $k	91/92 $k	92/93 $k
								($1,000)				
* 101	04	RTE 101/SHORELINE RD I/C	T1	P								
48.6		MTN VIEW-3999 MEAS A-1248	IGR	R								
49.1	HE11	MODIFY I/C AND WIDEN OVERCROSSING	88TIP	C								
0485B	115490		CITY	T			3999	3999				
							3999	3999				
				P								
				R								
				C			1248	1248				
			XSCL	T			1248	1248				
* 152	04	RTE 156 TO 1.9 MI E OF KILLDEER CR	T1	P								
22.1	C/O	STG II POR OF 486	IGR	R	1204	196			1400			
27.3	HE14	2C-4E, NEW CONNS, VERT & HORIZ ALIGN	88TIP	C	13513	2200			15713			
0486Z	152111		F	T	14717	2396			17113			
* 237	04	W OF MIDDLEFIELD RD TO E OF MAUDE	T1	P								
R 1.3		AVE	IGR	R			4690	2380	2310	2310		
1.7	HE11	CONST I/C	88TIP	C						18934		
0490E	43729G		XSCL	T			4690	2380	2310	21244		
* 237	04	E OF MATHILDA AVE TO LAWRENCE EXPWY	T1	P								
3.0		PTN OF 86 ASTIP #490	IGR	R								
R 5.3	HE13	WIDEN TO 6 LANES	88TIP	C								
0495I	43734G		XSCL	T						4590		
										4590		
* 237	04	CALABAZAS CREEK TO COYOTE CREEK	T2	P								
R 5.3		UPGRADE TO 6 LANE FWY & CONST I/C'S	IGR	R								
8.7	HE11	(INCLUDES 490B, C & D)	88TIP	C								
0490A	43725G		D13	T						22309		
										22309		
* 237	04	CALABAZAS CREEK TO COYOTE CREEK	T2	P								
R 5.3		UPGRADE TO 6 LANE FWY & CONST I/C'S	IGR	R								
8.7	HE11	(INCLUDES 490B, C & D)	88TIP	C								
0490A	43725G		STAD	T						5577		
										5577		
				P								
				R			24750	12375	12375	12750		
				C						32473		
			XSCL	T			24750	12375	12375	45223		

VI-16

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SANTA CLARA

	ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 ($1,000)	89/90	90/91	91/92	92/93
*	237	04	W OF COYOTE CREEK TO RTE 880 ON	T2	P	344	56		400				
	8.3		RTE 237 & SO TO NO OF RT237 ON 880	IGR	R								7000
	9.5	HE11	RECONST 237/880 IC STAGE 1/PHASE 1	88TIP	C								4000
	0495G	MSA3F4	WIDEN 880 6 TO 8 LANES TO NO OF RT237	F	T	344	56		400				11000
					P								
					R								20000
					C								
				XSCL	T								20000
	BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW												
*	280	04	SARATOGA AVE IC	T1	P								
	5.8	C/O	STRUCTURE TO #505	IGR	R	178	17		195				
	6.1	HE11	RAMPS & SIGNALS	88TIP	C	750	70		820				
	0511	380900		IR	T	928	87		1015				
*	880	04	THE ALAMEDA TO COLEMAN SB	T1	P								
	2.0	C/O	REPL PLNTG TO 409Y	IGR	R								
	2.6	HB4C	AUX LANE (SB),WIDEN & REPL RR STRUC	88TIP	C	6630	616		7246				
	0409A	112720		IR	T	6630	616		7246				

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METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SOLANO

	ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
*	37	10	IN VALLEJO FR MINI DR TO SAGE ST.	T1	P	769	125		894				
	10.0	C/O		IGR	R	417	68		485				
	R 11.2	HE14	CONSTRUCT 4 LANE FREEWAY	88TIP	C	7684	1251		8935				
	0831A	327011		F	T	8870	1444		10314				
*	80	10	IN VALLEJO 0.2 MI W TO 0.1 MI E/O	T1	P								
	4.2	C/O	REDWOOD ST OC. (EAST SIDE)	IGR	R	366	34		400				
	4.5	HB4N	MODIFY INTERCHANGE	88TIP	C	793	74		867				
	0850A	331101		IR	T	1159	108		1267				
*	80	10	AT ALAMO DRIVE IN VACAVILLE	T2	P	60			60				
	R 25.1		FAU-600: CITY OF VACAVILLE-500	IGR	R								
	R 25.3	HE11	RECONSTRUCT IC, ADD EB OFFRAMP	88TIP	C	599				599			
	0878A	331501		FAU	T	659			60	599			
					P	137	13		150				
					R	864	80		600	344			
					C	1370	127			1497			
				IR	T	2371	220		750	1841			
*	80	10	AT ALAMO DRIVE IN VACAVILLE	T2	P								
	R 25.1		FAU-600: CITY OF VACAVILLE-500	IGR	R								
	R 25.3	HE11	RECONSTRUCT IC, ADD EB OFFRAMP	88TIP	C			500		500			
	0878A	331501		CITY	T			500		500			
*	80	10	0.3 MI W/O PEDRICK RD O.C. TO SOUTH	T1	P								
	39.7	C/O	FORK PUTAH CREEK BR. (KIDWELL RD.)	IGR	R								
	42.1	HE11	CONST NEW INTERCH & MEDIAN BARRIER	88TIP	C	2132	198		2330				
	0888	169911		I	T	2132	198		2330				
*	780	10	GLEN COVE RD IC	T1	P								
	5.7	C/O		IGR	R	97	9		106				
	6.5	HE11	WIDEN OVERCROSSING & REVISE RAMPS.	88TIP	C	3295	306		3601				
	0801L	297501		IR	T	3392	315		3707				

* REQUIRES MTC PROJECT REVIEW/GRANT APPLICATION APPROVAL

METROPOLITAN TRANSPORTATION COMMISSION
1989-1993 FEDERAL TIP
COUNTY OF SONOMA

ROUTE / PMB / PMA / PPNO	DIST / C/O / PROGRAM / EA	PROJECT DESCRIPTION / ** AQMP/TSM AND/OR REG COMMENTS **	TIER / PRIORITY / SOURCE / FUND		BIENNIAL ELEMENT FED	STA	OTHER	88/89 4% ($1,000)	89/90 4%	90/91 4%	91/92 4%	92/93 4%
* 12	04	W/SOUTH E ST TO E/ BROOKWOOD AVE	T2	P								
R 16.5		(SR-14% MATCH & VIADUCT DIFF)	IGR	R								
R 17.1	HE14	2C TO 4F(GAP CLO) HWY PLNTG TO 757Y	88TIP	C			1535		1535			
0757A	121651		CITY	T			1535		1535			
* 12	04	W/SOUTH E ST TO E/ BROOKWOOD AVE	T2	P	811	132			943			
R 16.5		(SR-14% MATCH & VIADUCT DIFF)	IGR	R	9	1			10			
R 17.1	HE14	2C TO 4F(GAP CLO) HWY PLNTG TO 757Y	88TIP	C	8111	1320				9431		
0757A	121651		F	T	8931	1453			953	9431		

BOXED PROJECTS ARE COVERED IN ONE PROJECT REVIEW

METROPOLITAN TRANSPORTATION COMMISSION
IGR PROJECT REVIEW LIST
GENERAL AVIATION
($000's)

AIRPORT	PROJECT DESCRIPTION	88/89	89/90
Fremont Reliever	Site Acquisition	3,000.0	
South County	170 New Tiedowns	1,350.0	
Fremont Reliever	Aircraft Parking	6,900.0	
Petaluma	Phase II Airport Construction	896.0	
Oakland North	New Aircraft Parking	1,744.0	
Hayward Municipal	South Apron Expansion	368.0	
Byron	Land Acquisition	2,000.0	
Livermore	Extend Main Runway and Connect Twys	1,575.0	
Gnoss Field	Extend and Widen Runway	5,000.0	
Healdsburg Municpal	New Tiedowns	150.0	
Hayward Municipal	Add. Exits - Rwy 28R & 28L	195.0	
Nut Tree	South Apron Parking Extension	400.0	
Rio Vista	Phase I - Site Preparation	1,025.6	
Byron	Phase I - Construction	2,000.0	
Buchanan Field	50 New Tiedowns	500.0	
Reid-Hillview	20 New Tiedowns	116.0	
Rio Vista	Phase III - Rwy Extension/Crosswind Rwy and Lights		1,115.0
Hayward Municipal	Transient Apron and Twy D Extension		554.0
Sonoma County	Apron F Expansion Phase 3		375.0
Napa County	Airport Master Plan	75.0	
Nut Tree	Master Plan/EIR	40.0	
Buchanan Field	Airport Master Plan/Part 150	150.0	
Palo Alto	Part 150 Study	94.7	
Buchanan Field	Commuter Airline Apron	1,916.0	
Buchanan Field	Commuter Airline Terminal	3,000.0	

VII. *Air Quality*

VII. AIR QUALITY

The U.S. Environmental Protection Agency (EPA) and Department of Transportation's (DOT's) Transportation-Air Quality Planning Guidelines require that improvements be identified in the Transportation Improvement Plan (TIP) which will produce incremental emission reductions and air quality improvements. These improvements must take place during the program period, consistent with the planning and programming schedules of the State Implementation Plan (SIP). Priorities assigned to transportation improvements must be consistent with the requirements of 23 USC 7506 Clean Air Act (i.e., federal agencies conducting or supporting programs with air quality-related transportation consequences shall give priority, consistent with other statutory requirements, to the implementation of measures in approved SIPs). This requirement is cited in the conformity procedures adopted by DOT and EPA in January of 1981 (23 CFR Part 770 and 49 CFR Part 623, amended August 1, 1983). In absence of an extension to the Clean Air Act, further direction from Congress, or approval of the Proposed Air Quality Procedures for use in Federal Aid Highway and Federally Funded Transit Programs, the guidelines and requirements followed in previous years were followed this year as well.

The Air Quality Analysis is available, as a supplement to the TIP, upon request. The report contains the status of transportation control measures in the adopted Air Quality Plan. Included in these control measures are transit improvements projects programmed in the TIP.

MTC
METROPOLITAN
TRANSPORTATION
COMMISSION

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